MARITIME HERITAGE MINNESOTA

Ann Merriman

CHRISTOPHER OLSON

Log Book 33 of the USS <u>Essex</u> January 31, 1894 - July 31, 1894

The Day-to-Day Operations of Shipbuilder Donald

McKay's Last Ship



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USS Essex Log Book 33 Finding Aid

Adams class ship USS Essex (IX-10) was designed and constructed by premier North American shipwright Donald McKay. Her keel was laid down in 1874 and she was launched in 1876. She was a three-decked wooden screw steamer sloop-of-war with auxiliary sail (bark-rigged). She was 185 feet long, 35 feet in the beam, had a 14.25-foot draft, and was 1,375 tons. When commissioned, she carried six big guns, all muzzle loaders: one XI-inch and four IX-inch Dahlgren Naval Artillery guns, and one 60-pound Parrott Rifle The ship's armory carried dozens of small arms including rifles, pistols, revolvers, and cutlasses. Further, she carried a six auxiliary boats including a launch, two cutters, a whale boat, one gig, and a dinghy. The combinations of guns and watercraft carried on board USS Essex could change from log book to log book. She served with the US Navy in active duty and as a training ship with the Ohio Naval Militia, the Illinois Naval Militia, and the Minnesota Naval Militia. She was intentionally burned on Minnesota Point in Lake Superior at Duluth in 1931. Her Minnesota Archaeological Site Number is 21-SL-1030 and she is a National Register of Historic Places Property.

Maritime Heritage Minnesota digitized the 62 known USS Essex log books held at the National Archives in Washington, DC, and at the US Naval Academy in Annapolis in 2010. The log books consist of the daily activities on board the Essex as recorded by deck officers on duty. Those deck notes were then transcribed to be the official log of the Essex that were sent to the Navy Department in Washington, DC, where they were bound into their current book form. At the beginning of most log books, there are: a title page, two list of officers pages, a crew complement page (listing the crew by rank and iob), an armaments page (list of the different large guns, boats, and small arms), and two pages of compass observations. Not all log books contain these pages and some include additional information, including a plan and section of the Essex in Log Books 8 and 9 and four pages of directions on how to fill out log pages in Log Book 21. Sometimes two transcribed versions of log pages were sent to the Navy Department and duplicate books were produced. However, sometimes the duplicate books were not bound with exactly the same pages, so some books overlap each other in date. Also, some log book pages have writing too close to its spine edge and after binding, some words and numbers were 'lost' in the spine if the binding remained tight over the decades. Further, it must be kept in mind that the names of ships, both American and foreign, as well as geographical locations usually expressed in different languages will have variations in spelling. With this in mind, the deck officers of the Essex, when writing the log pages, may misunderstand what the actual name of a ship or geographical marker actually is and their handwriting may present challenges or be nearly illegible. The editing of this log book and the creation of the finding aid was made possible by a generous donation from MHM friend and supporter Dr. Natalie Rosen.

Log Book 33 of the USS Essex: January 31, 1894-July 31, 1894

The National Archives houses USS Essex Log Book 33. Throughout Log Book 33, comments were made on:

- sail adjustments with sail type and action specified
- banking of boiler fires in order to put the ship on stand-by for immediate use
- coupling and uncoupling the propellor when the ship was shifting from steam to sail and vice-versa
- when under steam the different watches record the average steam boiler pressure and engine revolutions; sometimes specific boiler are mentioned by their letter designation
- lowering of smokestack and proceeded under sail and vice-versa when the Essex was underway
- when anchored nearly every watch described the state of the anchor cables: crossed ('cross in hawse, stbd chain on top' or 'Elbow in hawse') and often will mention 'clearing the hawse' (the crossed anchor cables were uncrossed)
- casting deep sea lead for soundings
- swinging the ship to test for compass deviation
- patent log readings
- water distillation using the ship's boilers to produce freshwater and refilling the freshwater tanks
- coaling of the ship
- discharging ashes onto a lighter
- weather recording: temperature, wind speed and direction, barometer readings, state of the sea
- recording the ship's behavior (heavy rolling or pitching)
- testing flood cocks in magazine and gun rooms
- testing of all electrical apparatus
- crew conducting ship maintenance: engine maintenance/repair, boiler maintenance/repair, coal bunker maintenance/repair, general ship cleaning, bilge cleaning and checking pumps, scraping and painting and sometimes tarring and caulking the ship's hull and infrastructure, caulking the decks, iron work maintenance/repair, rigging repair/replacement, tarring down rigging, airing of rigging, repairing stays, repairing yards and booms, loosed sails to dry, repairing sails, replacing sails, scraping and slushing spars, scrubbing masts and yards, repairing masts, hawser (mooring lines) maintenance/repair/replacement, condenser bed timber repair/replacement, engine bed timber repair/replacement, steam cutter maintenance/repair, steam/sail launch maintenance/repair, gig maintenance/repair, dinghy maintenance/repair, whale boat maintenance/repair, turned and cleaned hammocks and bedding, painting hammock netting panels, scraping and blacking boat davits, repaired ground tackle, repaired sounding apparatus, scraping out smokepipe, inspected cotton primers, repairing binnacles, repairing waste pipes of magazine and shell room, repairing rail, repaired skylights, repaired awning stanchions, awning

- repair/replacement, repairing air ports, repairing gun ports, repairing water closets, gun carriage/battery maintenance/repair
- orew conducting drills: furling and unfurling sails, target practice with the main battery (great guns), target practice with the air gun, floating target practice, boat drills all hands called to arms and away all boats for naval tactics under sail and oars, on shore target practice, general quarters drills, small arms drills, fire drills, single stick drills, revolver drills, torpedo drills, passing powder drills, fuze drills, abandon ship drills, man overboard drills, Gatling gun drills, howitzer drills, skirmishing, battalion drills, machine gun drills, pistol drills, rifle drills, bayonet drills, target practice with targeting hanging from a yardarm, Morse signal drills, landing party drills, navigation drills, man overboard drills, signaling with the flagship, Army and Navy signaling drills, watch signal drills, international signal drills, basic medical training (tourniquets, resuscitation), Marine Guard drill
- Marine Guard drills in the cutter
- cadet/apprentice drills: signaling drills, wig-wag signaling drills
- receiving fresh water from shore through pumps or lighter
- receiving provisions and stores: food, medical supplies, clothing, engineering gear, construction
- Quarterly Board of Survey's findings of condemned articles on board (food, equipment) and their fate (food was usually tossed overboard) from the inventories of the different ship's departments (Ordnance, Engineering, Navigation, Equipment, Medical, Pay)
- crew promotions
- crew quarters inspection
- liberty parties sent ashore
- crew members are discharged at their own request (DOR)
- lists of new crew members recruits or transfers from other ships- taken on board during a cruise
- crew transfers to other ships
- o crew reporting the expiration of their contracted naval service
- crew members in solitary confinement or other punishments for various infractions, AWOL crew, general and summary court martial proceedings, AWOL crew put in irons
- rewards offered for the return of AWOL crewmen
- weekly Sunday services; after the services, once a month, the Articles for Better Government of the Navy were read to the crew

NOTE: The Essex deck officers who recorded the daily happenings on the ship often translated the names of non-American ships incorrectly. MHM determined the correct spellings of the ships and those corrections are reflected in the Finding Aid, not the poorly transliterated ship names.

At the beginning of Log Book 33, on January 31, 1894, the USS Essex was placed in commission at the Norfolk Navy Yard in Virginia under Commander Francis W. Dickens, attached to the United States Training Squadron. Essex received officers and men that were transferred from the United States Training Ship (USTS) Monogalela, and the ship

was stocked with stores. Over the next 3 weeks, additional men were transferred from the United States Receiving Ship (USRS) Franklin, the log recorded a list of promotions and crew assignments, additional stores and equipment were brought on board, the ship took on water from a water boat, the ship's steam launch experienced technical issues and the engineer force worked on the problems, the ship's engines and boilers were overhauled and tested, the crew engaged in bending sails, the ship's officers inspected magazines and stores, the Commanding Officer finalized crew lists and visited nearby ships (USS Vesuvius, USS Miantonomoh monitor BM-5), sailors were punished for overstaying leave, and the ship's crew tested life buoys and secured the boats for sea. On February 21, Essex left her Navy Yard berth, assisted by a tug, and headed out of the Elizabeth River at Hampton Roads. She exchanged signals with Cape Henry and anchored in Lynnhaven Bay. The next day, USS Essex was dressed with flags at all the mast heads in honor of George Washington's birthday; Fort Monroe fired a National Salute. On February 23, the ship was underway to sea, traveling under both sail and steam. Until the end of the month, the log recorded passing 2 schooners and full-rigged ship, Essex passed Montauk Light, anchored in Newport Harbor, Commander Dickens visited the War College and Training Station, the ship exchanged signals with USS Richmond, and apprentices and ship's stores were taken on board from the Training Station.

Throughout March, the USS Essex, her crew, and apprentices conducted drills, Away All Boats exercises, ship handling drills including sail management and tacking the vessel, single stick, pistol, and infantry tactics drills. On March 16, apprentice Charles Bullock fell 30 feet to the ship's deck; he was taken to the Captain's cabin where he regained consciousness, very bruised but otherwise unhurt. Throughout the month, the log recorded sightings and sometimes communications with USS *Richmond*, the 3-masted schooner *Mary Miller*, other schooners, steamers - including one with Norwegian colors - a French brigantine, and barks.

In early April, Essex anchored in Charleston Harbor and was assisted by the pilot boat R. H. Gowan and tug Confidence. Commander Dickens paid official visits to the Mayor of Charleston, the Collector of the Port, and the Charleston Yacht Club, while the Commanding Officer of the Coast Survey Steamer (USC&GS) A.D. Bache visited Essex. The pilot boat I. Go fouled on the port side of Essex and the Clyde steamer Algonquin left Charleston. The crew took liberty, stores were taken on board, drills were performed, and the apprentices conducted landing action drills under sails and oars; one landing took place at Fort Sumter. Mid-month, long overdue seaman and apprentices were declared deserters and Essex got underway on April 19 after provisioning. Until the end of the month, the crew and apprentices cleaned the ship and performed drills - including Man Overboard. Several vessels were spotted including schooners, the English steamer Jason, a square-rigged ship, and other steamers.

In May, Essex headed north to the Chesapeake Bay and the York River, anchoring off Yorktown. Along the way, the ship lightly touched bottom and reversed at full speed to dislodge the hull - unsuccessfully. The crew used the kedge anchor and the engines to loosen the ship and moved her into deeper water. The crew and apprentices conducted

the usual drills and target and small arms practice, and liberty parties were sent ashore. An apprentice's desertion attempt was thwarted and he underwent a Court Martial a few days later; he was discharged for bad conduct. All available hands engaged in blacking the ship, and on May 28, *Essex* up anchored and returned to the Norfolk Navy Yard dock. Two days later, some of the crew joined a battalion to participate in recognition ceremonies at the US Navy Hospital cemetery. Throughout the month, the *Essex* crew recognized several ships in the log: American and British steamers, sailing vessels, many schooners, a white barkentine, a bark - probably a whaler - flying American colors, two-masted whaling schooner *Baltic* out of Provincetown, MA, steamer *Pigwa* out of Liverpool, England, British steamer *Orange Prince* of Newcastle, 3-masted schooners *Flora Rodgers* of Camden, NJ and *John B. Gannon*, American steamers *Allegheny* and *Danville*, and US Naval vessels USS *Vesuvius*, USRS *Franklin*, USS *Detroit* (C-10), and USS *Raleigh* (C-8).

The first 10 days of June saw Navy Yard workers taking on the maintenance and repairs for USS Essex; her crew and apprentices conducted drills and took liberty while the ship's officers took leave. Other ships recorded to be at the Yard include Franklin and White Squadron member USS Atlanta. Once coaled, Essex left the Yard on June 11. Until the end of June, the crew and apprentices conducted the usual on-board activities. In addition, a large dead sperm whale was spotted onJune 18, and several vessels were spotted including steamers (including a large ship with 3 smokestacks), 2 brigantines and an English brigantine, a 3-masted schooner and another schooner, a German tramp steamer, an oil steamer, large steamer with 3 smokestacks, and an ocean liner.

On July 1, after a heavy fog lifted, USS Essex had to change course to avoid a large sailing vessel displaying a flashing light and a green light. The next day, the Benton Reef Lightship was sighted, Essex moored to a Naval Station Newport buoy along with USS Portsmouth and USS Fern, and she exchanged many signals with USS Constellation, also moored. The Commandant of the Training Station inspected Essex on July 3, and on the Fourth of July, a dressed Essex unmoored and stood out of Newport Harbor. On July 5, several 2c apprentices were transferred to USRS Vermont, and Essex set course for the New York Navy Yard, where she tied up to the Cob Dock. After exchanging apprentices and seaman with Vermont, Essex headed back to Newport, mooring there on July 7. On July 9, Commander Dickens was relieved of his duty on USS Essex, replaced by Commander Louis Kingsley. The ship left Newport on July 17, exchanging signals with Constellation and exchanging colors with a German steamer. The remaining days of July saw the crew and apprentices conducting regular performance and maintenance drills. Other ships recorded in the log included the German steamer Moraira, other steamers, several schooners, the steamer Sorrento, and the American Line US Mail Steamer British Princess.

Tags:

sloop-of-war USS Essex, sloop-of-war USS Constellation, USRS Franklin, USTS Monogalela, USS Vesuvius, USS Miantonomoh, USS Richmond, USS Detroit, USS Raleigh, White Squadron member USS Atlanta, USS Portsmouth, USS Fern, USRS

Vermont, USC&GS A.D. Bache, American Line US Mail Steamer British Princess, American 3-masted schooner Mary Miller, American pilot boat R. H. Gowan, American tug Confidence, American 3-masted schooner Flora Rodgers, American 3-masted schooner John B. Gannon, American steamer Allegheny, American steamer Danville, American whaling schooner Baltic, American pilot boat I. Go, steamer Sorrento, Clyde steamer Algonquin, British steamer Jason, British steamer Pigwa, British steamer Orange Prince, German steamer Moraira, United States Training Squadron, New York Navy Yard, Norfolk Navy Yard, Naval Station Newport, Elizabeth River, York River, apprentice training, ship drills, ship maintenance

USS Essex





USS Atlanta



British Princess



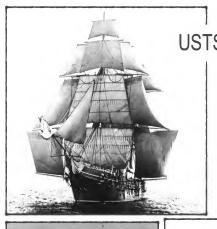
USS Miantonomoh







USS Constellation at Naval Station Newport



USTS Monongahela

USS Portsmouth



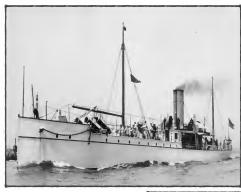
USS Richmond



USS Raleigh

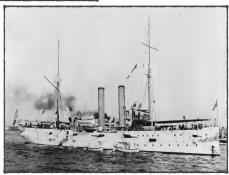


USC&GS A.D. Bache

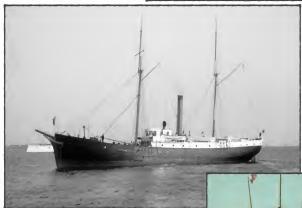


USS Vesuvius

USS Detroit

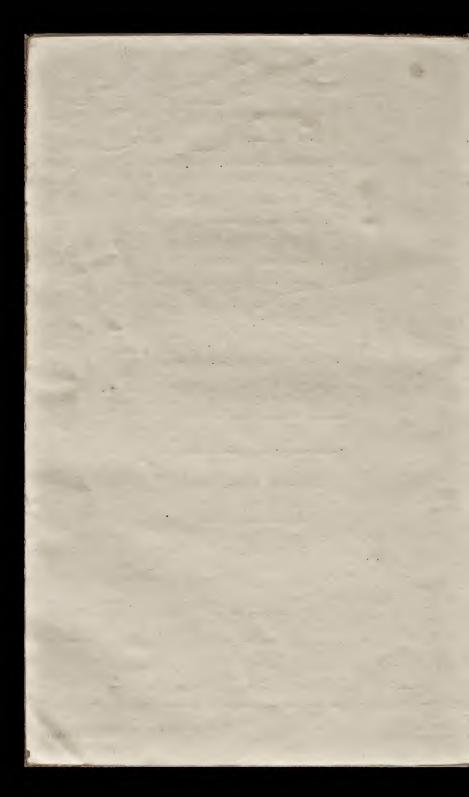


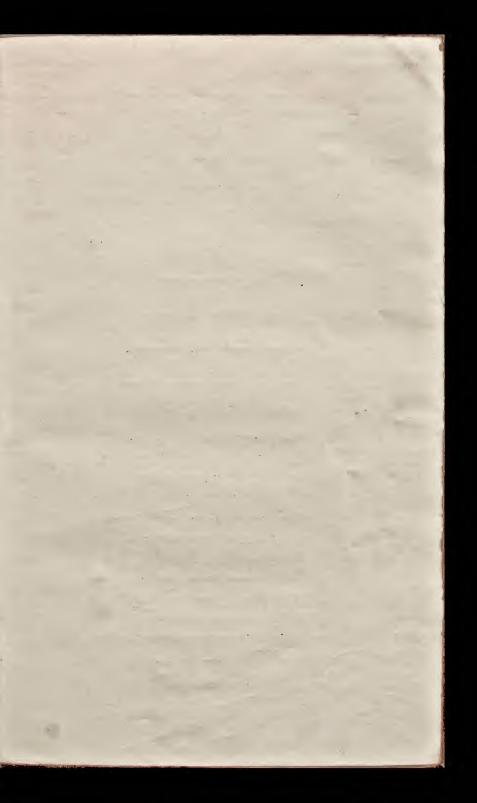
USS Fern

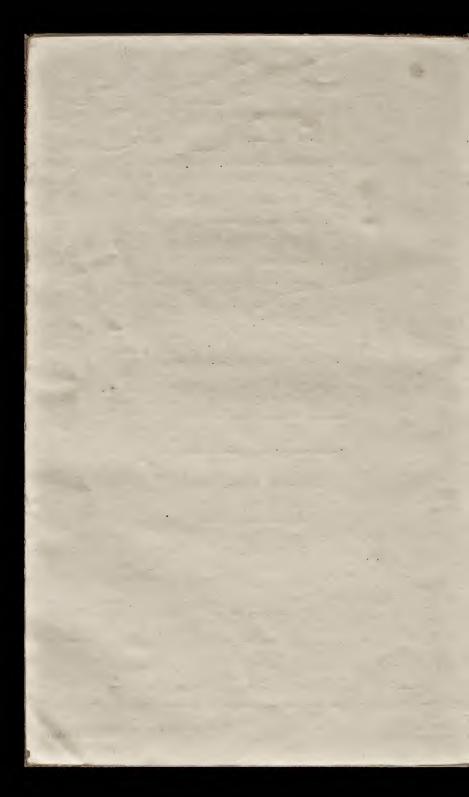


USRS Vermont









LOG BOOK

OF THE

<u>C</u>
U. S. S Gssex
Phud Rate,
of Six Guns,
COMMANDED BY
Commander F. M. Dickens, U. S. Navy util July 9, 1894, which he work servery by bommander Louis Knighly M. S. Mary Attached to Training Squadron,
Attached to Graining Squadron,
Commencing January 11, 1894,
at Chavy Gard, Chrofolk Ta
and ending July 31, 1894,
at sea in Lature 34' Se and Long 48°41 Or

BUREAU OF EQUIPMENT NAVY DEPARTMENT.
1891.

·LIST OF OFFICERS

Attached to and on board	of the U.S.S	sself 3rd Rat I fully when he was relieved by b. S. N., during the period lov	commanded by mmander Louis Hingaly Qt. I'm
Commander & Or. Dick			
		0 0	, 1894 .
NAME.	RANK.	NAME.	RANK.
Dickens France Or.	Commander Lieistenant Commander		
Oriston, John B.	Lewtenant and Changator Lieutenant		
Oxilton, John, 16. Oxil, York. Oxeller, Roger, Jr.	Lieutenant		
Greller, Roger. Jr.	Enrign		
Lolinas Grah J. Taylor, Christophury On Early Mount, Conrad, J. Filts, Henry B.	Eneign Eneign		
Bahghust, Cowad, J.	Chief Engineer. Pered Orit. Pengen		
Hicks Phomas H.	Assistant Paymaster Leutenant J. Grade. Leutenant		
Purcell, John L.	Lieutenant Jr. Grade.		
Clark George R.	Lieutenant la Grade.		
Huch's Thomas H. Curcill, John L. Caputer Villiam B. Clark, George R. Sinthgate George T. South, George R. Swandy George R. Manadan Sausi	Leintenant Jo Grade. Paymasteris bleck.		
Grans, George R.	Eneign Exmmander.		
Kingsley Louis	Osmmunus.		3
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Examined and found to be correct.		J. B.	No illon utewant Ch. J. M. Navigator.
4 966		U Lu	utewant M. I M Navigator.

LIST OF OFFICERS

Who have died, been detached, or transferred, on board the U.S.S. & Let 37th Pate commanded by Commander & Deckins, U.S. N., during the period covered by this

Examined and found to be correct.

J. B. Milton Liviteurut M. S. Warigator.

Log-Book, from Ja	nuary 31, 18	94, to July 31. , 1894.
NAME.	RANK.	TIME OF OCCURRENCE AND PARTICULARS.
Overl York Ohelles Arger Jo Deckens Francis VI.	Scentenant Eneign Commander	Detacked February 12. 1894. Placed on visiting order. Detacked, July 3. 1894. Ordered to the HISG bucunati Detacked, July 9. 1894. Granted me months bear of about
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COMPLEMENT of Petty Officers, Seamen, Ordinary Seamen, Landsmen, Boys, and Marines on board 3rd Pate Essel of the U.S.S at first commissioning

January 31° 1894.

LLOWED.	RATES.	NUMBER ON BOARD.	NUMBER ALLOWED.	RATES.	NUMBER ON BOARD.
,	Chief Boatswain's Mate,		,	Cabin Steward,	/
	Posterior New 1st elect	-3		Cabin Cook,	,
8	Boatswain's Mate, 1 of close	7		Ward-room Steward.	,
-,	Seamen Gunners,		,		' ,
/	Chief Gunner's Mate,		'	Ward-room Cook,	′
2/	Gunner's Mates, 1 delass			Steerage Stewards,	
1	Chief Quartermaster,	/		Steerage Cooks,	
/	Quartermasters, 1 of class			Warrant Officer's Steward,	
- 6	Coxswains, Quarterparter 2nd class	6		Warrant Officer's Cook,	
- 1	Captains of Forecastle.	,	6	Seamen,	6
4				Ordinary Scamen, appentice / class	1
1	Gaptains of Tops, Gunnie Grate 2 th class Captains of Alterguerd,	1	_ ~ ~ ~	Landsmen,	*
1	Querrer Gunners, Brate 8 rd class	1 . 1	6	Pars Ottendanto	6
1 63	Carpenter's Mates,		108	Apprentices,	107
,	Sailmaker's Mates,	,	2	Machinists,	í
1	Conquiter Prate 8rd class		,	Boiler Makers,	
		,	,	Water Tonders, Expressmith	
	Captains of Hold,	4 150	2	Oilers,	
1	Ship's Cook, 1st class	1			
*	Ship's Corposals, 4 d class	-	4	First-class Firemen,	
2	Lamp-lighter, Lands. assigned. They must be composers and California.	1	,	Second-class Firemen,	
- 1	Carpenters and Callers,	1	4	Coal Heavers,	
1	Baymen,	1		TOTAL,	
1 d	Master-at-Arms, Apothecary,	1			
1	Apothecary,	,			
,	Chip's Yeoman,	,			
12	Paymaster's Yeoman,	,			
	Engineer's Yeoman,			T	
- 1					
	Schoolmaster,	- 1		ADDITIONAL FOR FLAGSHIP.	
1	Writer, 1st class Ship's Tailor,	1			
		1		Master of the Band,	
1	Ship's Barber,	1_		Chief Musician,	
1	Painter,	1		First-class Musicians,	
1.	Bugler,	_ 8		Second-class Musicians,	
	Jack of the Dust, Lands, august			Printer,	
1	Blacksmith,			Steward to Commander-in-chief,	
				Cook to do.	
				Coxswain to do.	
				Seamen to do.	
	- 1			Ordinary Seamen to do.	
				Landsmen to do.	
				prancionali to do.	
		- 1			
1	Complement runeseed by 2 This looker	4 class		Complement mereand by a Lunder	are, by order of
4	y telegram to Commandant Mavel State	Deupert R.S.		Bureau Changotton, Feb 2, 1894	
2	July 9.1894.				
				Received at Chargest O. J. Feb 28/94	
		- 1			
				J. B. M. illow Liestenant U.S.	

U.S.S Esser

Description of Instruments used for Meteorological Observations, their Location, &c.

INSTRUMENT.	MAKER.	NUMBER.	LOCATION.	DATE OF LAST COM- PARISON.	COMPARED WITH-	ERROR.
MERCURIAL BAROMETER.	Henry J. Green	33 46	Ow bahri Bulkhead.	Jan. 10. 1894	Standard New Yord Norfock	0"05' high
ANEROID BAROMETER.	No Makees Name gund Harlist Horline & L & V.	Some	In calin.	Jan.5. 1893	Standard Liebm, Portugal	0"00.
THERMOMETER, (Dry Bulb.)	Henry J. Guen	6197	Forward bulkhur of Writer Office	Jan.5. 1893	Standard Lishw , Portugal	0° 02' lov'.
THERMOMETER, (Wet Bulb.) (Psychrometer.)	Henry J. Green	6198	Forward helphoase of Obsiters Office	Jan 5. 1893	Standard Libon, Ortugal	0°03'low

Examined and found to be correct.

J. B. Mailler, Lintewant & J. M. Navigator.

Of the U.S.S Cossey 3rd Rate

PRIMARY

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SECONDARY

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BOAT ARMAMENT.

Two 1 pdr. Cage Stande No 71 and 73 for books

SMALL ARMS.

85-Botchkey Magyine Rifler Cal. 45 2 Rifler Cal. 128 65 Emily With Carly Cott, Ed. 38 28 Enthane

J. B. Me ilton Sentement & Sy Navigator.

TABLES of Deviation of the Standard Compass No. // 62 on board the U. S. S Essey 3 - Pate

DATE:	February 21. 1894					
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			_		DEVIATION.	DEVIATION.
SHIP'S HEAD BY COMPASS.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.	DEVIATION.
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EAST.	4228 6					
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Examined and found to be correct.

J. B. Mollin J. S. Nacigator.

LOG of the UNITED STATES Ship Essix Morred to Dock, Chany Yand, Chorfolk, Cha

Third Rate,

	Reading of COURSES STEEL			WIND.				BAROMI	Forms of Co	o Sea.							
Hour.	Knote	Tentha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear 8ky, ff 10ths.	State of the Se
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7 8 9																	
10 11 Noon.																	

Course and distance	e made good since preceding noon by observations,		knots		tenths.		
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D 11	Longitude by D. R.		0	1	,		
Position at Noon:	Latitude by observations of ⊙		0	1	n		
	Longitude by chronometer from Forenoon Observ	ations of ①	0	,	11		
Design	(Latitude by		0	1	el .		
Position at 8 A. M.	Longitude by		0	1	"		
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Position at 8 P. M.	Longitude by		o		u		
Current during the	time, knots tenths per hour, setting	to the					
Error of the Comp.	ass by Azimuth ⊙ observed at , ship's head	i	0				
Deviation of the Co	ompass by Azimuth © ob erved at ship's	head	0	,	variation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	1	0	1	"		
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's	head	0	1	variation used,	0	,
Water expended du	ring the preceding 24 hours,			į	gallons.		
Water	during the preceding 24 hours,				4+		
Water remaining o	n hand fit for use at Noon,				44		
Coal consumed dur	ing the preceding 24 hours,		tons		lbs.		
Coal remaining on	hand at Noon,		R" 2.	24	o "		

P. M.									
1 2	Mond to Doce	9.01. by 04.	1-2	30 22 6	9 69	60	b.o.m.	cir. ettab	4
3	1		1-2	30.19 6			4,		8
4		*	1	30.16 6				civ. cum	7
5	1	gev.	0-1	30.16 73	65	58		4	8
6		al	0-1	30.18 7					7
7			0-1	30.20 83				4.	7
8			0-1	30.43 86	. 55	51	6.	now	10
9	1 1	L	0-1	30. 23 8	52	50		-1	10
10	1 - 1		0-1	30.22 8	50	47	**		10
11			0-1	30 . 2,21 83	48	47			10
Mid.			0-1	30.22 83					10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

At 1.20 P. this ship was put in commission going through with the following ceremony, all officers ordered to her firm montgakelow long present. At the colorically the longle the Engle was knited, officers and men saluting, and the premant set at the main. The Commundate of the Dickins (N. I. I.) send his orders detaching him from (Ch. D. On) Fredericken a Co. On. 2.c.) Haldin H. O. On. 30), On Sam Or. On 30) Johnson J. C. (Gel Mr.) Licket & V. (Wester 1 c.) Course & (Elen app 1 e), Phele & (Hiter 2 c), Channel & Bate 1 c) Baneto a (This week). They J. Eds.) Berry & (Lds) Phee of J. (Eds.), Dearly & (Lds) Phety y.

Dearly & (Lds) Daletin & (M. 2 c) Phety y.

Baker borr) Jameshita J. (R. Barri), Pheety & (Eds) Sunching & (Res and) Lightford & to Free and). Maine J. (Eds) Phety y.

Terfether J. (april), anderen Gan & Hold), Gatagai y. (Enhi Freed) Kush and K. Erry, Segar J. L. (Rese and). James & (Res and). James & (Rese and). Sunch & (Rese and). Research & (Research & (Sollies C) Johann I (O. M. 2.c) new transport from the Oromongabile to their news, lab not present on account of long under treatment at the March Fajortal.

4. B. Moiller. , Live want Oh IN Prangetor

Dem 1.20 V.M. to 4 PM.

Cloudy, but pleasant Light airs and breeze from 99 by 91 to 99 been sugaged on transferring stone in Cay Dight from Ownersqueles, to stone breeze from 99 by 91 to 99 been from storkense to this ship Backed free in bother so 3. By order of boundary Offer the acting approximate of J Ob Johnson as Ichorheaster is their day world her evening as Ichorheaster bring as large arguent. The following working of say yand, samplined on breed in Gram Engineering Dept. I market and I belger: I brill Market Verger Welles Je. and I helper: Quem 1.20 P. On. to H P. M.

From 4 to 8 9.92 Elear and pleasant. Eight air to light briggs from II Constand the cur of the Even and gan them Featin hele, also tried hand and straw fine pumps of Even and statured cur for fire quantum.

n. J. boleman. Guign W. F.M.

Dumb to 8 P.m Char and pleasant balow and light I. Aly nie Banket frier.

Roger Welles fr. Ensign W. IN.

From 8 P.M. to Mid

id. Bar and planant. belun and light 9.44 ain. Banked frie Roger Avelles, Jr Energy 9. 9. 9.

Examined and found to be correct.

Letterant & S. M. Navigator.

LOG of the UNITED STATES Thip Essey Morored to Dock, Chary Yard, Charfolk, Va

Thud, Rate,

			Reading		WIND.				BAROMI				URE.	State of	Forms of	Clear Othe.	- Ros
Honr.	Knots.	Tantha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10ths	Stateofthe &
A, M. 1				Morred to Dick	-balm.	0			30.18	86	47	45		b.	none	10	
2					4	0			30.18	86	46	44		**	٠,	10	
3					-	0			30.18					-	-	10	
4					-a-a	0			30.16			- 4				10	
5					S. 9er.	0-1			30.14					b.c.m.	euw.	7	-
6					**	1			30.10					4		6	1
7					~ " ~ " ~ " · · · · · · · · · · · · · ·	1			30.10					**	Cir . cam	. 4	
8					994.	1-2			30.11					- "		4	
9					F94.	1-2			30.05					-		2	1
10					*	1-2			30.08						Com. teni	4.1	
11					994. by 94.	1-2			30.08	76	53	51			100	1	
Noon.						2			30.07	174	55	52		0.0.		0	

Course and distance	e made good since preceding noon by	y observations,		knots.	tenths.	
	Latitude by D. R.			0	"	
	Longitude by D. R.			0	r	
Position at Noon:	Longitude by D. R. Latitude by observations of ©			0	"	
	Longitude by chronometer from Fe	orenoon Observations of ②		0	"	
	(Latitude by			0		
Position at 8 A. M.	Longitude by			0	"	
	(Latitude by			0	u	
Position at 8 P. M.	Longitude by			•	н	
Current during the	time, knots tenths pe	er hour, setting to the				
Error of the Comp	ass by Azimuth O observed at	, ship's head		0		
Deviation of the C	ompass by Azimuth O of erved at	, ship's head		0	variation used	1, 0
Error of the Comp	ass by Azimuth O observed at	, ship's head		0	"	
Deviation of the C	ompass by Azimuth O observed at	, ship's head		0	variation used	1, 0
Water expended du	uring the preceding 24 hours,				gallons.	
Water	during the preceding	24 hours,				
Water remaining of	on hand fit for use at Noon,				**	
Coal consumed dur	ring the preceding 24 hours,		4	1 tons 9 6	0 lbs.	
Coal remaining on	hand at Noon,		17	1 " 12	80 "	

P. M. 1 2	moond to Dock	90%. by 94. Ot est.	0-1	30.08 7	6 57	e.4	b.c.	cam , much	/ 2
3			2 2-3	30.07 73	3 62	56		cir. com.	3
5		E. NE.	3-4	30.04 6	0 50	47	b.o.q.		7
7 8			3-5-	30.16 70	46	44			7 9
9		ga.	3-5	30.25 7	0 45	42	J. g.	nou	10 10
10		v.	3-4	34.30 67 50.34 6	6 42	40		-1	10
Mid.			н	30.36 6	6 44	31		1*	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Omed. to 4 a. On. Clear and pleasant. Calm. Banked frier

Roger CVElles J. Ensign U 991.

From 4 to 8 a. On. bloody but pleasant balons and light air from I. II Banked free brew engaged in aeraging fitch from deck.

Ruger Weller Jr. Enwyn W & W

Jum 8 a. M. to neud

bloody and mild. Sight airs and breez from I. W. and I. W. by W. Even engaged in getting on board store in Equipment, Construction and Tupplier and Accounte Departments. Ist quarter deel arring on a stretch to accretion fit I say good unline engaged on board in Itan Engineering Text as fellow: I nachimet and I believe: 2 Both nakes and 2 believe The accept and tiquefor pages of I P haster S.M. Mate mu transfered to the R. Il. I Foranklin From Monds to 4 PM.

Cloudy and placeant. Eight air from I of to Get Brew sugaged transforing etree to their ship Chamberred I. P. M. ach of the grant of applicable for treatment. By order of Commanding Officer the following changed in returned in the stable of Louisian in the stable of Commanding Officer the following changed in returned in the stable of the stable of Commanding Officer the following changed in the return of the stable of J. P. Danion Drivas 10. : J. B. Born Dueman 10. : E. J. Millar Friman I class : John Hall Frienan I class . F. Hord (Sa.)
Ilm J. Willie Wale. : P. L. Borton Sile : D. E. Broseman Bruter 3 class and Jas. Welch , German and Brazline Friesce. Bruser.
Plany Yand workness suggest on I land in Straw Engineering Tajab as follows I machines and I sulpar : 2 By Marker and I sulpar .
The acting approximate of Poten Com as Commin was the dry revoled; advanced to Galusakus Rate. I. D. Sofsman. Ensign U. J. M.

From 4 to 6 P.M.

Cloudy and pleasant. Gentle to moderate beggi from E. N.E. and N.E. Cour sugaged in getting stone on braid in Egyptiment, Continuent and Gupplies and accounte Departments

Find Noël Lintenant W. In.

From 6 to 6 P.M. Churchy and pleasant. Gentle breey from NE. Baroneter rising:

n. P. Coleman Ensign N. S.M.

From 8 P. M. to Mid

Clear and pleasant. moderate bruge from NE.

M. P. Solsman Energin M. S. W.

Examined and found to be correct.

J. B. Millin Deviewout W. S. On Navigator.

LOG of the UNITED STATES Thip Essex, Moored to Dock, Chary Gard Phorfolk Cha.

Third Rate,

			Reading		WIND.				HAROME	TER.	ТЕМІ	ERAT	URE.			lear ibs.	See.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Losway.	Height In inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the 8
A. M. 1				Orward to Dock	Chorth	4-5			30.38	64	40	38		B. q.	now	10	
2					н	4			30.37	3						10	
3					4	3			31.38					в.		10	H
5					"	2			30.39		i					10	
6					**	2			30.43							10	
7					7 m	2			30.44	60	37	34				10	
8				1		2			30.46	63	37	35		*		10	
9						2			30.5	64	38	36		٠.		10	
10					**	2			30.5	264	38	36				10	
11					NE. to 6.16.	2-1			30.5	64	41	39		b.m.		10	
Noon.					E.√€.	1-2			80.4							10	

Course and distance mad	le good since preceding noon by	observations,	knots.	tent	hs.		
Lati	itude by D. R.		.0	, ,			
Lon	gitude by D. R.		0	, ,,			
Position at Noon: Lati	itude by observations of ①		٥	, ,,			
Lon	gitude by chronometer from Fo	renoon Observations of ②	٥	. "			
Lati	tude by		o	1			
Position at 8 A. M. Lon	gitude by		0	, ,,			
Position at 8 P. M. Lati	tude by		0	,			
Position at 8 P. M. Lon	gitude by		U	, _ µ			
Current during the time,	, knots tenths pe	r hour, setting to the					
Error of the Compass by	Azimuth O observed at	, ship's head	0				
Deviation of the Compas	ss by Azimuth O ob erved at	, ship's head	0		variation used,	0	
Error of the Compass by	Azimuth O observed at	, ship's head	0	, ,,			
Deviation of the Compas	ss by Azimuth O observed at	, ship's head	0		variation used,	. 0	•
Water expended during	the preceding 24 hours,			gallo	ns.		
Water	during the preceding	24 hours,		44			
Water remaining on hand	d fit for use at Noon,			**			
Coal consumed during th	ne preceding 24 hours,		tons 2	200 lbs	l.		
Coal remaining on hand	at Noon,		170 " /3	323 "			

P. M.	moond:		G. NE.	1-2	30.45-8	1 41	39	b.o.m.	cir. strak	. 9
2			٠.	1-2	30.43.59				cir.cum	
3	4	- 1		1-2	30.38 60	43	41			8
4			6.NE. to 86.	2	30.38 6	1 43	41	4	1	8
5			96 by 6.	2	30.88 61	43	41	n		7
6		- 1	., 0	2	30.40 63	40	38		at .	4
7			**	1-2	30.39 63	140	38		i -	9
8				1-2	30.36 63	39	36	61	-	9
9				1-2	30-32 6.	5-39	37			9
10			F. F. E.	1- 7.	30.34 68	- 39	34		com minh	2
11			**	1-2	30-38 63	39	37			1
Mid.			*	1-2	30.25-61			oud.		0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Clear and cool. Mordenate to light beeze from North.

n. I boliman Ensign W. F. K.

Dem 4 to 8 a Mr. blear and cook Fight brey from North. Barmeter rising. Received in Dept of Supplier and account 34 lbs. fresh bred, 421/2 lbs. bref, 421/2 lbs. orgetables.

n. J. Coliman Ensuga W. S.W.

durchanged from the Praval Perice by users of enjoyation of substract brew engaged in getting on back story in Equipment bound surgaged in getting on back story in Equipment bound continued in the presence of engineers of engaged in hand in Stramberguning Dept. as follow: I had not believe and Departments. Plan Gad undimenting and Journal on Journal of Continued and I had not believe and I begin and I begin and Journal on Journal of the Continued and I had not been supported in the Stramberguning and the supported on the suppor

Demo 4 to 60 m. Cloudy but pleasant. Light beyo from F.E. by E. Lesw longht bog, hammed and meet gear from Franciscale Baured from .

Roger Welles In-Ensign W. S. Mr.

Dem 6 to 8 Pm Char and cool Misty after sunset . Sight bey from 96 by 6.

In Noël Luitenant V. Fox

From 8 P.M. to Mill Clear and coolfied how, then cloudy and miety. Light brey from F. F. E. Drygling vain last how.

Land Noel Leutenant & & De.

Examined and found to be correct

By new of Commanding Officer the following energyments were made . To a George Lee as Lang Jumer . I & De Chargeton Lite as Jam of Just: B. Mc ellon Savigator.

A It has been as been of Grand Limit.

Lieutenant W. F. D.

LOG of the UNITED STATES Ship Essex Worfolk Wa Phild Rate,

A. M.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	,								State of	Forms of		
A. M.				Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S
1 1 1 2			~~~												
1 .		Onworld to Dock	F. F.	12			30 24	59	40	40		0.6.2.	numb	0	
2		. 1	4	2.3			30.22	59	40	41		**		0	
3			41	2-3			30.18	58	40	41		4,		0	
4		1 -		2			30 13	56	40	41				0	
5			balm.	0			30.09	53	42	41		0.0.	-	0	
6			P.W.	1			30.06	53	42	42		0.6.0	-	0	
7			*	1.			30.06	66	43	43		.,	- 1	0	
8		1		1-0			30.06	71	43	43			Vi /	0	
9	- 4			1			30.07	68	44	44		~		0	
10				11			30.07	68	45	45				0	
11		1		1			30.05	- 68	46	46		.,	-	0	
Noon.				1			30.02	68	47	47				0	

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	0 / "	
	Longitude by D. R.	o , "	
Position at Noon:	Latitude by observations of ②	0 / // 1	
	Longitude by chronometer from Forenoon Observations of ②	0 / "	
D 111	Latitude by	0 / //	
Position at 8 A. M.	Longitude by	o , "	
n	Latitude by	0 / _ //	
Position at 8 P. M.	Longitude by	o , ,	
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation used,	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 " "	
Deviation of the Co	ompass by Azimuth © observed at , ship's head	o ' variation used,	0 1
Water expended du	ring the preceding 24 hours,	200 gallons.	
Water recen	during the preceding 24 hours,	3300 "	
Water remaining or	hand fit for use at Noon,	3100 "	
Coal consumed duri	ing the preceding 24 hours,		
Coal remaining on 1	hand at Noon,	tons 1700 lbs. 169 " 1860 "	

P. M.								
1	moved to Dock	Ga.	1.2	29.99 68 49	48	0.0.0.	mil.	0
2			1-2	29.98 68 49		4+		0
3	1	04.994.	1-2	29.98 65 50	50	0.0.w.	4,	0
4	1		1-2	29.95-6450	50	0.0 m.	4,	0
5		**	1-2	29.92 54 56	50	4		0
6	-		0-1	29.885450	50		6.	0
7	- 1	balm	0	29.88 53 50		0.0.f.w.		0
8		,,	0	29.8652 50	51		_1/	0
9		**	0	29.8453 57	51	t,	91	0
10	1		0	29.8253 51	52	4		0
11		9.98.	1-2	29.80 52 51	52	4.		0
Mid.	1		บ	29.79 52 51	SU		-	0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Onedright to + a on . Orweast and raining . Gently beeze from & F.E.

Fred Noel Sen

Overact and raining. Calm and light airs from II Account in Dept. Supplier and accounts 421/2 lbs. bef. 421/2 lbs. regetables, 34 lbs. load which passed inspection

In Nail. Siewteward Ou S. Ok

for hold and Genran's error some Grand we chain for bow IN Dawnter falling Penished atoming that had been seen for hor line and placed haver me dock that been been seen that furgine Pary your unrimed engaged me board in the furgine of the following segment of the full of the second of the full of the function of the following segments and James in Continuous segments of the following segments and James in Continuous segments of the following segments and James in Continuous segments of the Grand segments and James in Continuous segments of the Grand segments of the

Orna Mends to 4 9 M. Ornast and raini Light and buy from F. to Ch. S. It. Baronter falling. Sout librity party action, Barbed fire day yard working sugard on board in Franciscus Engineering Dept on follow: I Rober deather and I belyew and I beginned and Jones in Constitution Toph On Clitherian surplyed to me brand from Nay Yard.

* me brand from Nay Yard.

Dem 6 to & P. P. M. Owners, vacuing and foggy Light D. G. Why air and calmer Barometer felling. Barbard few.

Roger Welles J. Eusige W. S. M.

From 8 P & to Oud.
Ourceast and foggy. Calmer and light airs and breyer from 9.9 E. Banked fires.

Roger Weller. h. Eusign M. F.A.

* From 4 to 6 P.M. Ourcast and drighing. Eight aris from Ch. IV.

Started free in Briler a. and allowed fire to die out is Briles B at 40 M.
James Peterson Ch. M. at B. was discharged by warm of exquation of enlectment.

N. N. Colonian

n. N. Koleman E. Eurige al. J. Ok

Examined and found to be correct.

Sentement U. S. R. Navigator.

LOG of the UNITED STATES They Essel Charge Gard, Querfolk Va.

Thud Rate,

			Reading		WIND.				BAROMI	ETER	TEME	ERAT	URE.	State of	Forms of	Clear 10ths.	- See
Hour.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in R	State of the
А. М.																	
1				Oxoned to Docio	FU.	1-2			29.73	50	51	51		1. C.m. w	Cen . suin	4.0	
2					89. to A. N.8	1-2			29.69	50	50	57		o.c. f. w.		0	
3					1.26.	1-2			29.66	50	49	49		0.c.f.v.		0	
4						2-4			29.67	50	48	48		0.0.9.N.		0	
5					ઈ€.	2-4			29.68	48	47	47		0	mint	0	1
6					4.	1-3			29.68							٥	
7					North	1-2			29.68					0.0.		0	
8						2-4			29.71	47	45	45		0 c.d.		0	
9					South to St. NE.	2.4			29.70	46	45	45	-	0.0.14.	~	0	
10					N.N. E.	2-3			29.74	45	45	45		0.c.9. on		0	
11				-	*	1-3			29.77	45	45	45		44	.,	0	
oon.						1.2			29.76						4.	0	

Course and distant	e made good since preceding noon by	observations,		knots.		tenths.			
	(Latitude by D. R.			0	,	"			
	Longitude by D. R.			0	,	"			
Position at Noon:	Latitude by observations of O			0	,	,,			
	Longitude by chronometer from For	renoon Observations of (e e e e e e e e e e e e e e e e e e e	٥	,	,,			
	(Latitude by			0	,	,,			
Position at 8 A. M.	Longitude by			0	,	"			
				0	,	"			
Position at 8 P. M.	Longitude by			o	,	#			
Current during the	time, knots tenths per	hour, setting to the							
Error of the Compa	ass by Azimnth O observed at	, ship's head		0					
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0		vari	iation used,	٥	
Error of the Comp	ass by Azimnth O observed at	, ship's head			-				
Deviation of the Co	ompass by Azimnth O observed at	, ship's head			,	vari	iation used,	0	
Water expended dr	aring the preceding 24 hours,			3	00	gallons.			
Water	during the preceding	24 hours,				64			
Water remaining or	n hand fit for use at Noon,			28	00	**			
Coal consumed dur	ing the preceding 24 hours,			tons 2	20	o lbs.			
Coal remaining on	hand at Noon,		168	tons 2	90	0 "			

P. M.			!!!				
1 Moved to Dock	1.18.	1-2	29.75 47	45-45	0 c. 9, m.	. minit	0
2		0-1	29.71 47	45-46-	- 4		0
3	North	1.2	29.73 46	45-46-		4.	0
4		2	29.75-46	45-45		64	0
5		2-3	29.80 46	4444	0.0.9: m N.	44	0
6	1.1.84.	2.3	29.8746	44 43		61	0
7		2-3	29.9145	43.42	4	4	0
8	4.	24	29.9446	42 42		49	0
9	N. N. W. to North	2-3	29.9444	12 42	0.0.9.w.	4	0
10	North	4-7	29.96 441		0.0.91.10		0
11		4-6	29.97 44	42 41	0.a.g.m.g.		0
Mid.		4-5	29.99 43 4	13 43		10	0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Gurdnight to 10 a. On.

Orwoods foggy and rainy Tight airs from SCh. to Onoderate buys
from St. M.E. in equallo 18 andered fries.

Roger Welles J. Ensign W. F.M.

Jum 4 to 8 a. m.

Ourcast and rainy. Which varying fum F.E. to North, and from light are to moderate buy in free. Danked frie.

Roger Weller, fr. 6 neign Dr. & M.

From 8 a. m. to Merid.

aniano Oricast and misty. Gloomy appearance Light to gentle breze fine No No. at 9 so mustred and impacted at Quarter at 10 called all bands to mister and was likely for the Government of the Ray, and afternoods held General mister. Die backed in Baler 4. Sub likely yearly askore.

Im Noël Lieutenant Ca. & Ok.

From Merid. to 4 P.M.

Commanding Officer the following brain was appointed in a coordance with active 359 W. F. Clary Regulations:

orig. Link bonds & M. M. W. F. Clary. O. a. Lugar & B. Dith 26. F. Chay: axis Payris. I to the case origing the state of Links and separated in Biller it. By order of boundaries of the Commanding Officer. I cheeper was reduced to 4th class conduct for quitaging have provided in Biller it. By order of boundaring Officer. I cheeper was reduced to 4th class conduct for quitaging have provided in the class conduct of the cla

From 4 to 6 PM.

Onerast and rainy . Therateung weather . Gentle been from North . Fire banked in Briler a

Firk Noël Gieutewant Ch. GON.

From 6 to 8 PM Orward and rawing . Eight to gentle beyn from N. N. V. Frier banked in Boler a

M. J. Coleman Ensign W. G. M.

Orward and miety. Mordenate buys from N. A. W. to North with frequent heavy equalle. Barmeter vising. Frie banked in Boiler a. Jum 8 O. m. to Mid

N. P. Coleman Ensign U. G. M.

Examined and found to be correct.

Lieutenant Po J. O. Navigator.

LOG of the UNITED STATES Phip Essex Morred to Dock, Chany Yard, Chorfolk, Va.

			Reading		WIND.				BAROME	ETER	темі	PERAT	URE.	State of	Forms of	Clear Atha.	e See
1	of	of	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force,	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear 8ky, in 10ths.	State of the S.	
A. M.																	1
1				moved to Dock	Oroth	4.5-			30.05	44	44	44		0.c.q.w.	sumil .	0	1
2						4-5-			30.09	40	39	38		o f. q. n.		0	
3					Ox. Ox. Ot.	4-6			30 .12					b.c.w.		4	
4						5-6			30.17	35-	34	34			4	8	
5		4				4-5-			30.24	32	31	29		b.	une	10	
6					South	4-5			30.24	31	30	28		*	*	10	
7					-	4-6			30.35							10	
8						4.6			30.39	30	28	26			"	10	
9					N.101.	4.6			30.43	29.	29	-		b.cg.	cir.	9	
10						4.6			30.45	31	29	-				9	
11						3-4			30.45	31	30	-				9	-
Noon.						3.4			30.44	35-	33	32		-		9	

Course and distant	e made good since preceding noon by	knotş.	tenths.		
	Latitude by D. R.		0	"	
	Longitude by D. R.		0 4	"	
Position at Noon:	Latitude by observations of O		0	"	
	Longitude by chronometer from Fo	orenoon Observations of ①	0	н	
D	(Latitude by		0	ıı ıı	
Position at 8 A. M.	Longitude by		0 4	"	
			_ 0	"	
Position at 8 P. M.	Longitude by		0	н_	
Current during the	time, knots tenths pe	r hour, setting to the			
Error of the Comp	ass by Azimnth O observed at	, ship's head	0 1		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	ο ε	variation used	
Error of the Comp	ass by Azimuth O observed at	, ship's head	8 (u	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	b /	variation used,	
Water expended du	iring the preceding 24 hours,		250	gallons.	
Water	during the preceding	24 hours,			
Water remaining o	n hand fit for use at Noon,		2550		
Coal consumed dur	ing the preceding 24 honrs,		/ tons / (oo lbs.	
Coal remaining on	hand at Noon,		167 " 17	40 "	

1	Moored to Dock	9 101	2-3	30.45 3	38 3	6	33	b.c.m.	civ. um.	9
2		4	2.3	30.47 4	43 3	16.	32		cir. etial	8
3	1		2-3	30.47 3	19 3	7.	33	4		8
4		04. 1 94 to 1 19	2-3	30.47.3					.,	8
5		94.96.94.	1.2	30.48 3	7 .	39	36	b.c	**	9
6		**	1.2	30.49 3	66 1	16.	34		-	9
7			.0-1	30 49 3	16:	36	34	b.	Ane	10
8			0-1	30.50 3	5-	36	34			10
9		**	0-1	30.493	5- 3	35	34			10
10			0-1	30.483					44	10
11		loalm	0	30.47 3				**		10
Mid.			0	30.48 3						10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a m fresh brey from North to N. N. Barometer nesing. Ones banked in Boiler a.

N. I. bol sman Ensign Q. S. M.

Diens 4 to 8 a. M. .

Clear and cold. Products to fresh brew from A. A. W. to North. Barometer riving. Frein banked in Briter it. at 7. hocked steam launch from dark into the water Fresh q wash stande in dark to time into other. Received 34 lbs. bread, 421/2 lbs. meak, 421/2 lbs. regetables on braid in Dept of Supplies to time into other. Received 34 lbs. bread, 421/2 lbs. meak, 421/2 lbs. regetables on braid in Dept of Supplies

N. P. Loleman Ensign Qu. J. R.

From 8 a. On. to Onered

Clear cool and pleasant Phroteinte to fresh breen in equalle from A NOW. Crew engaged in transferring street in Egyipment Dept. from Thorougabelle to aton how and this chip of Onerens (Cor) about inthat leave. The following men from yard supplyed on braid: 4 in Enqueuing and 3 in Construction Departments Banked free in Boiler A.

Roger Weller Jr. Ensign W. F. R.

From Merid to 4 9 % Clear and cold . Sente boys from N & D. Coursugaged in transform getors in Equipment Department to the Nany Yand and to their chip from the Persongalela. The Nany Yand work on brand, the Electrican from N any Yand writing electric bells. Received from N. S. B. S. D. ranklini, with bags and hammock and necessary papers, Edward J. Draw Blackmith, Patrick Nay and Lectric Phales, Jandenson Philosophian steam launch purposating to train from the steam factor of the full pump broken. The banket in Borber A.

In Noil Lintenant W. In.

Generally clear and col. Light air to quetle breeze from N. & & Fellaning Yard men at work on brand to 50 clock, 6 men in Enquering and 3 men in Enteretain Department and one electrican. at 5.00 and librity new me above. Fine banked in Boiler 4.

Roger Welly, h.

Fromb to 8 G. On. Clear and cold . Light buy from N. A H. Frie banked in Birler A.

In Nail Levitenant W. Lak

From 8 P. M. to Rid. Blear and cold Light air from A. A. Dreis banked in Brilon A. Calm lad part of watch.

And Noil Sentemant & For Leutinant 4.9%.

			Reading	1	WIND.				BAROME	TER.	TEME	PERAT	URE.	State of	Forms of	Clear Othe.	se Sea
Hour.	Hour. Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea. Sky, in 10ths	State of the S.
A. M.				moved to Duck.	Calm	0			30.48	35	34	34		b.v.m	cir. stal	9	
2					h	0			30.46							9	
3						0			30.44	34	33	33		**		9	
4						0			30.42	34	32	32		"	"	8	
5				1	•	0			30.46	35-	30	30				8	ļ.
6				1		0			30.45	30	29	29			"	7	
7					South	0-1			30.45	29	28	28		. *		8	
8				1	9. by 94.	1			30.45	30	29	29		b.m.	une	10	
9				1		1-2			30.43	36	31	30		-b.		10	
10						2			30.45	40	35	-32		**		10	
11					S.Or.	2			30.45	-44	39	35		-	-	10	1
Noon.						1-2			30.44	46	41	37				10	

Course and distance	e made good since preceding noon by observations,	knots.		tenths.		
	Latitude by D. R.	۰	•	"		
	Longitude by D. R.	0	•	H		
Position at Noon:	Latitude by observations of O	0	1	u		
	Longitude by chronometer from Forenoon Observations of O	0	,	"		
	(Latitude by	0	,	#7		
Position at 8 A. M.	Longitude by	0	,	"		
		0		"		
Position at 8 P. M.	Longitude by	o	1	u		
Current during the	time, knots tenths per hour, setting to the					
Error of the Compa	ass by Azimuth O observed at , ship's head	0	4			
Deviation of the Co	ompass by Azimuth O observed at , ship's head	- °.	,	variation used,	0	
Error of the Compa	ass by Azimuth O observed at , ship's head	o	,	"		
Deviation of the Co	ompass by Azimuth O observed at , ship's head		,	variation used,	0	•
Water expended du	ring the preceding 24 hours,	300)	gallons.		
Water	during the preceding 24 hours,			44		
Water remaining or	n hand fit for use at Noon,	225	0	44		
Coal consumed dur.	ing the preceding 24 hours,	166 " 2	900	lbs.		
Coal remaining on	hand at Noon.	166 " 2	08) "		

P. M.						-				
1	moored to Dock	St. St 24.	1-2	30.41	49	49	42	в.	None.	10
2		и	1-2	30.40	51	49	46	٠		10
3		*	1-2	30.39	51	56	50	4		10
4			1-2	30.39	50	54	49		4	10
5		€.16.	1-2	30.39	48	48	44	b. m.	t _f	10
6			1.2	30.38	43	42	39		,.	10
7		E. N.E. to East	. 1	30.38	41	40	38	b.o.m.	cir atal	8
8		East.	1	30.38				20		8
9		4,	1	30.38	40	38	36	b.	nine	10
10	1		1	30.38	38	37	35			10
11			1	30.38	37	34	36	44		10
Mid.			1	30.36	37	37	36			10
1										

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Chear and cold . Misty . Calm . Fire banked in Briler A.

Ford Noil Leutenant M. J. M

Fino 4 to 8 a. On Clear and cold. Misty. Calm and light and from Gd. and Old. Fruis banked in Birler A.

For Noil Lieutenant M. S. W.

From 8 a. M. to Merid.

Clear and cool. Light ain to gentle brene from I by the to 9 hescone (Con) was reported absent without leave. The following than your workness over absord during their writch rig. 3 workness in Constitution Department and be instrumed in Department of Iteam Engineering. Filled Bates B into water from Jud Received on broads in the timesmation Department 1 sig. Fuel banked in Boiler A.

n. J. Coleman Ensign Ou. J. M.

From Presid to 4 9 9. Clear and pleasant. Sight airs and brees from N. N. V. Villain Sitter Ch. D. Oker.

New transferred to have Coopered and his accounts to the Ob. I Receiving Ship Franklini. S. Jack men
employed or brand in Enqueses Department and 3 in Construction Dept. Received from N. S. Receiving
Thip Franklini Charles Robert (B. N. 2 und Cl.) with bag bourned and receiving pagers. The acting appointment
of 6 B. Committee (Bro) was remain for a period of not mouther from Tet. of. Crew sugaged in transforming
atrices from Presengable to actionness rand charming, up the westl. Banked first in Soler A. By other of
Commanding Officer (I. Jerly B. N. 2 ...) and P. Hay (D.) and reduced to 3rd class conduct for one traying lear 14 hour.

(Roger Chelles Je

From 4 to 60.90.

Clear and pleasant. Light and to light breezer from N. N. N. to E. N. E. The following .

Chay Gard workness was on board: 3 men in Eventuretim Department: 5 men in Department of Fraul Engineering. Banked free in Boler A.

M. P. berman
Sumb to 80 m.
Chaigo W. S. W.
Chaigo W. S. W.
Chaigo W. S. W.
Chaigo W. S. W.
Coger Welles L.
Course W. S. W.
Chaigo W. W.

Firm 8 P. M. to Mid blow cool and pleasant. Eight air from East. Baroneter steady. Bankow free in Bree A.

Examined and found to be correct.

Ocoger Welles Ja.

Leitenant U. P. N. Navigutor.

LOG of the UNITED STATES Thip Essel Moved to Dock, Chang Gaid, Phorfolk, Va.

Third Rate,

			Reading		WIND.				BAROM	ETER	TEM	PERA?	URE.	State of	Forms of	Clear Whs.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heet.	Leeway.	Height in inches	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the 8
A. M.				Moved to Dock	East	0-1			30.36	38	37	36		& .	Stree	10	
2					Calm	0			30.34	38	37	36				10	1
3						0			30.32	37	36	35		*	-	10	
4					~ 0	0			30.29					0		10	
5					Sinth	1			30.31					l.c.	eir etrat	8	
6					*	1			30.30						"	8	
7						/			30.30					"	**	7	
8						1			\$0.33						-	4	-
9					- "	1-2			30.32	640	39	38		t.c.m.	cum otras	1	
10					South to 9.99	1.1-2			30.32	44	41	40		"	"	1	
11					F. F. W.	1-2			30.31	46	43	41		0.c.m.	.,	0	
Noon.						1-2			30.2	9 49	45	43				0	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②	0 /	"
	Longitude by chronometer from Forenoon Observations of O	0 /	#
	(Latitude by	0 '	"
Position at 8 A. M.	Longitude by	0 /	"
-	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 '	u
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 (variation used, o
Error of the Compa	ass by Azimuth O observed at , ship's head	5_ ("
Deviation of the Co	ompass by Azimuth O observed at , ship's head		variation used, 0
Water expended du	ring the preceding 24 hours,	250	gallons.
Water	during the preceding 24 hours,		14
Water remaining or	n hand fit for use at Noon,	2000	44
Coal consumed dur	ing the preceding 24 hours,	166 " 38	00 lbs.
Coal remaining on		166 " 38	0 "

Р. М.	nooned to Dock	da o d	2	30.24 50 46 43	0.c.m.	Cum	0
1 2	Whomas to Dock	J. W. Cy J.	2	30.21 51 47 43		4	
3		9. h. W.	2	30.20 52 49 44			0
4		P. ly 24.	1-2	30.17 53 50 45		eir-eum	
5		fol.	1-2	30.16 51 49 45		. *;	
6 -			1-2	30.15-49 47 45	"	cum etial	5
7			1-2	30.13 47 46-43	4	4.	6
8		*	1.2	30.13 47 44 42		Our wit	2
9		S. F. W.	1-2	30.13 47 44 42	4.	٠.	2
10		,,	1-2	30.13 47 44 42	"		2
11			1-2	30.13474442	0.0.00.		0
Mid.		o	1-2	30.13 47 44 42			0

blear cool and pleasant. Light Easterly airs and calms. Barmeter falling. Banked frie in Boiler H.

Roger Welles Ja Ensign V. S. Gr.

From 4 to 8 a. On. Generally clear, cool and pleasant. Light air from Inthe Barmeter reing Banked fries in Bater A. Received in Pay Department 34 lbs. brad, 42/2 lbs. haf, 42/2 lbs. mystelle, which round inspection. which spassed inspection.

Roger Weller. Jr. Ensign Qv. J. M.

Cloudy and mild. Eight breye from Forth. At 9, 30 following men about without lean: J. Phesenow (Con) P. Hay Land I) and 19. "Dolph (B. Nr. i.o.). Lean Engaged in getting on brand, store in Equipment, Construction, Itan Engineering, Pheseoal and Toppein and activate Departments. Their part gaugury and ugged not fleign jet boom to are all correct. Dollaring workness from Tan Jan and word of the Team Engineering, 6 in Construction and one Electricism. Price banked in British A. By oder of the Commanding Officer the following acting apparaturate were made from this date: J.N. Brunk (S. N. 10.) This J. Phillie (M. at a. 30) File Continual Officer the following acting apparaturate were made from this date: J.N. Brunk (S. N. 10.) This J. Phillie (M. at a. 30) File Continual Officer 10. John Kall (Engreenith) John E. Dumen (B. S. Mate) Onceast and mist, last last of mitter From 8 a. On. to Merid Writer 10) John Hall (Coppensith) John E. Dremen (Sh. G. Mate). Oncast and mixty last half of water.

Lieutenant W. J. W. Decad and pleasant Sight been from IN by I to I by W. Cecand on braid Enemph stone in Equipment Department. The following men who granted acting apparatuable by order of the Commanding Officer, O. L. Worten Painter from It 1. 1894. Fet a Cros Fillenaker Mate from It. 2. 1894. F. St. Lead to Sularanter 1 c. from It. 1. 1894. The following hay faid workness were abraid during this works. Our man in Dight of Itam Engineers to men on Greeker from Italy the work the firm in Book A. Received on broad in Department of Properties and Received on broad in Department of Properties and Received on broad in Department of Properties and Received a 2000 for and R 36 yin English gold. By order of Commanding Office for Petition was rated blief Master at and with an aging apparatment. From Merid. to # 49W Gusign W. G. W.

Odm 4 to 6 J. M. Clocky and cook. Light airs and been from I by I Cereins from I I O I Orankhui I Steven (Saa) lith bag and Hammock. Nay Yard workness employed on braid with 5 see follows: one Fram Engineering: 6 Construction. Surt Whity party asker. Once backed in Boiley A.

Treutenant W. F. M. Dumb to 8 P M. Banked frie in Briler A. Belondy and cook. Light sive to light breeze from & M. Banked frie in Briler A. N. Delcman

Orward and found to be correct returned on brand 14 hours mitime. Banked fries in Boiler 4.

N. A. Lollman
Examined and found to be correct returned on brand 14 hours mitime. Banked fries in Boiler 4.

N. A. Lollman
Energy W. T. Ensign M. J. D.

1. B. Millon Suitewart U.S.K. Navigator.

LOG of the UNITED STATES Ship Essel Moved to DOCK, Chary Gard, Charfolk, Va.

Third Rate,

	-			,		1			BAROM	TED	TEM	DEDAT	TTPE	-	1	44	1
			Reading	COURSES STEERED	WIND.	-			BAROM	II.K.	TEMI			State of the Weather.	Forms of Clouds, by	10th	of the 8
Hoar.	Knote.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway	Height in inches	Ther.	Air, Dry Baib,	Air, Wet	Water at Surface.	the Weather, by symbols.	symbols.	Prop. of Clea 8ky, in 10ths.	State of
A. M.																	
1				Mond to Dock	9.80V	1.2			30.10	48	45	44	4	0.cm	nemit	0	
2					4	1-2			30.10	48	45	44		•		0	
3						1-2		1	30.00	48	45	44				0	
4					.,	1-2			30.07	48	46	44		b c.m		4	
5					**	1			30.00	48	46	44		**		4	
6					-balm.	0			30.09					0.0.00	4.	0	
7					9.90	1			30.09	49	47	45	-	4,		0	
8				- 1		1-2			3000	51	48	47			**	0	
9					"	2.3			30.10	51	49	48		0.0.0.	4,	0	
10						2.3			30.12	51	50	50				0	
11					ON. 994.	2.3.			30.15	52	51	52			**	0	-
Noon.						2-3			30.13					-		0	

Course and distance	e made good since preceding noon by observations	,	knots.	tenths.
	Latitude by D. R.		0 /	и
	Longitude by D. R.		0 /	u
Position at Noon:	Latitude by observations of ③		0 /	II .
	Longitude by chronometer from Forenoon Obser	vations of ②	0 /	"
	Latitude by		0 /	H
Position at 8 A. M.	Longitude by		0 /	u
			0 /	u
Position at 8 P. M.	Latitude by Longitude by		o /	*
Current during the	time, knots tenths per hour, settin	g to the		
Error of the Compa	ass by Azimuth O observed at , ship's he	ad '	0 /	
Deviation of the Co	ompass by Azimuth O observed at , ship	's head	0 (variation used, ° '
Error of the Compa	ass by Azimuth ⊙ observed at , ship's he	ad	- 1	· ·
Deviation of the Co	ompass by Azimuth O observed at , ship	s head		variation used, o '
Water expended du	ring the preceding 24 hours,		300	gallons.
Water	during the preceding 24 hours,			
Water remaining or	n hand fit for use at Noon,		1700	64
Coal consumed dur	ing the preceding 24 hours,		/700 tons /700 /65 - 720	lbs.
Coal remaining on	hand at Noon,		165 - 720	и
			,	

P. M.	,	11					
	d to Dock 04.9.9.	1-2	30.10 54	52 52	0 c.m.w.	nint	0
2		1-2	30.07 55		- 4-		0
3		1-2	30.07 56	23 23		9	0
4		1-2	30.07 56	53 54		.,	0
5		1	30.07 56	23 2.3	0.0.m.	*1	0
6	9.90	. //	30.07 5-6	53 53		"	0
1	41	0-/	30.09 56			tum.	3
8	,	0-1	30.09 56	53 52		10	3
9	Calm	. 0	30.03 55	52 52	4		5
10	.,	0	30.03 55	52 52	4	"	5
11	61	٥	30.0055				6
Mid.	**	0	29.99 56	53 52	А		6

Midnight to + a. OM Oweast and damp Eight air to light been from & IN Bargutter falling ler A. Banked frie in Boiler A. Ensign W. S.M.

Diene 4 to 8 a. On. .

Onegast and damp balm to light breeze from S. S. S. . Barreter steady of Theine (Con) returned 72 hours oritime. Banked five in Briter 4. Findhad decker, ladders and gratuge with pands.

n. P. Coleman Ensign U. J. M.

From 8 a. m. to Merid.

Orreast and rainy. Sight airs to gentle been from 9.9% to W. 9 %.
Barometer vising. Fourthed paint work with a gap and feels water. Banked free in Boiler A.
2 yard men in Construction Dept. and 3 in Engineer Dept. employed on board.

Kogu Weller, Jr., Eusign W. F. W.

Grow Merid to 4 P.M. Ornead and rainy. Sentle bury from 91. I municipately after 12. the free alarm rang in the Play food. That are officer to report to the Captain of the Gaid: who reported that the alarm was on account if a deficive flux in the quarter of the liter and that the cerricis of one crue would not be receded. Play Jaid workness at work on board as follows: Centrovition Dept. 4. Than Engineering 3. Level digaged in accaping deck, cleaning up battery and other chip work. These backed he Boiler 4.

Ym Noel Lintuant W. S. W.

From 4 to 6 P. Mr. .

Quecast and mitty Light air from 91. F. W. to S. J. W. Darmeter strady.

4 Hard mu in Emitwetin Tepl. and 3 in Itan Eigenening Dejet. Employed on braid until 5.00. At 5.00 sent likely party on ahm. Banked frie in Joler A.

Roser Chelle Jr.

Roger Chelle In.

In Nill Luitenant W. S. C.

Dann 8 P. On to Grid. Clear and pleasant balm . Price backed in Briter A.

Ind Noil Guitenant M. J. O.

Examined and found to be correct.

Seitenant & S. M.

LOG of the UNITED STATES Ship Essel Photolk, Va. Third Rate,

			Reading		WIND.				BAROMI				URE.	State of	Forms of	Clear Stbs.	0 900
Hour.	Knota	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dey Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 108ha	State of the
A. M. 1				Moved to Dock	F. J.w.	0-3			29.99	56	54	54		b.c.p.g.	mint.	3	
2						1-2			29.91	56	54	54		b.c.on		5	Ш
3						1-2			29.93	56	55	55			"	5	1
4				1	4.	2-3			29.90	56	55	- 55		0.0.9.0.	. "	0	
5						1			29.91	59	5.7	57		0.0.0.	"	0	
6					Purth	1			29.90					b.o.v.	am wind	1	н
7					~ °	1		-	29.89	59	57	57		b.c.		2	н
8					S. by W.	. 2			29.90	50	59	59				3	я
9					Touth	2-3			29.91	. 63	61	62		**	-	5	я
10					9. by 91	2-3			29.91	65	63	64				4	
11					9.9%.	3-4			29.92	68	66	65	-	14		3	
Noon.	- 1				Soll by ON.	3-4			29.89							3	

Course and distance	e made good since preceding noon by	c observations	knots.		tenths.	
Course and distant	(Latitude by D. R.	,,	0	,	"	
	Longitude by D. R.		۰	,	"	
Position at Noon:	Latitude by observations of O		۰	,	"	
	Longitude by chronometer from Pe	orenoon Observations of ②	0	,	#	
			٥	,	"	
Position at 8 A. M.	Longitude by		٥	,	"	
			0	,	"	
Position at 8 P. M.	Longitude by		6	,	"	
Current during the		er hour, setting to the				
Error of the Compa	ass by Azimuth O observed at	, ship's head		1		
eviation of the Co	ompass by Azimuth @ observed at	, ship's head	0	,	variation	ısec
Error of the Comp	ass by Azimuth O observed at	, ship's head		,	#	
eviation of the Co	ompass by Azimuth O observed at	, ship's head		,	variation	ised
Water expended du	aring the preceding 24 hours,		3	00	gallons.	
Water	during the preceding	24 hours,				
Nater remaining of	n hand fit for use at Noon,		11	10	· ·	
oal consumed dur	ing the preceding 24 hours,		164"	50	O lbs.	
Coal remaining on	hand at Noon,		164"	66	0 "	

Р. М.		- 1	1 1 1			منده	
1	Moved to Dock	901	3.4	29.85 73 70 66	b.c.	cot care.	4
2		**	3-4	29.84 73 71 66) · =	3
3	- 1		3-4	29.84 73 72 66		1 : 1	3
4	1		3-4	29.8572 71 65			
5		*,	3.2	29.86 71 70 65	b.c.m	cum stret cir stat .	1
6		64	1-2	29.86 69 68 65		cir. eum	2
7			1-2,	29 86 68 66 65		-1	
8			1	29.87 67 65 63	41	wint.	2
9		Pouth	0-1	29.88 67 64 63			2
10			0-1	29.88 67 64 63	0 C.N		0
11			0-1	29.88 65 63 62			0
Mid.	1		0-1	29 88 64 62 61			٥

Medrught to 4 a M. Cloudy and mild Misty Iqually appearance. Rain last home of watch. Sight breeze fund IIM Fire banked in Blile A. Sort Noël Suitenant V. S. &

Dim 4 to 8 a. On.

Oncease and clody. Caining first spart of watch Light been from Suth blondy and muty last spart of watch. Received in Dept. of Sipplies and accounts 34 lbs. Inad, "42th lbs. buf, 42th lbs. negotables which spaced inespection Ence backed in Boiler A.

Find No. O

Find Noil Luttural 9.39

From 8 a. On its Presid.

Cloudy and mild. Eight to moderate brey from South to I h by W. Crew sugaged in getting on braid and strong stores in Bept I tram Engineering, Dept of Supplies and Accounte. Eguipment Dept. and Ordnauli stores. The following men were sugaged in work on broad from the back, I mus in Dept. Fire banked in Booker A.

Booker A.

M. G. Leolinan ... Ensign W. F. W.

From Mend to 4 P.M. Stordy but warm and pleasant Gentle to moderate breeze from IN. 3 yard men in Engineering Dept. and 5 in Construction Dept. at work on board Crewingaged in strong before Paymasters and Equipment atores. Banked free in Boler A.

Roger Welles Jr. Ensign W.F. Ok.

From 4 to 6 9.90.
Cloudy and mild . Sentle breeze to light air from \$94. Fruiked stowing Equipment atons and stone in Paymestre stoneron. Banked free in Bile 4.

N. P. Kalaman
Ensign U. S. N.

From 6 to 89 M. - Charly but warm and pleasant. Light airs and breezes from FM. Barometer swing slowly. Inis banked in Birler A.

Roger Welles Ja Ensign U. S. Or.

From 8 P. On to Oride.

Overcast, mild and pleasant. Calme and light Godhely are. Barometer steady. Banked frie in Bolor. A.

Roger Chelle Jr.

Ensign In In

Examined and found to be correct.

J. B. Millire, Navigator. Lieutenant & J. R.

LOG of the UNITED STATES Thip Essel Morrfolk, Va. Third Rate,

					WIND.		-		BAROMI	ETER	TEM	PERAT	TIRE			7 1	1
Hour.	Knote.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.			Alr, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clonds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.																	
1				Moored to Dock	Calm	0			29.88	62	62	61		0 c.m.	rumb.	0	
2				I		0			29.86	62	62	61				0	
3						0			29.85	-62	61	60		***		0	
4						0			29.86					**		0	
5					**	0			29.87	63	61	60		b.c.	-	3	
6					2	0			29.89					0.0.		0	
7					9W.	1			29.94	463	61	60		be.	cum minil	. 2	
8				1	9 W. by W.	1			29.98	-63	61	60			strakmin	-1	
9	1				. 0	2-3			29.96					6.0.m.	cir. aum	3	
10					*	2.3			29.98					**		4	
11				- 1	4.	3.4			29.98					64	~	6-	
Noon.						3.4			30.00	72	69	60			1.	5-	1

Course and distant	ce made good since preceding noon by	y observations,	knots.		tenths.
	Latitude by D. R.		٥	,	"
Position at Noon:	Longitude by D. R.		0	1	"
Position at Noon:	Latitude by observations of O		0	,	и
	Longitude by chronometer from Fe	orenoon Observations of ②	0	,	"
D	(Latitude by		0	,	"
Position at 8 A. M.	Longitude by		0	1	"
Destates as 0 D M	(Latitude by		•	/	#
Position at 8 P. M.	Longitude by		•	,	tt
Current during the	e time, knots tenths pe	er hour, setting to the			
Error of the Comp	oass by Azimuth O observed at	, ship's head	0		
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	1	variation used,
Error of the Comp	oass by Azimuth O observed at	, ship's head		,	и
Deviation of the C	Compass by Azimuth O observed at	, ship's head		,	variation used, 0
Water expended d	uring the preceding 24 hours,		30	0	gallons,
Water	during the preceding	24 hours,			16
Water remaining of	on hand fit for use at Noon,		11		
Coal consumed du	ring the preceding 24 hours,		164"	160	O lbs.
Coal remaining on	hand at Noon,		164"	60	64

moored to Dock	Oh by J.	2-3	30.01 73 69 60	b.c.	circum 4
1 1 19	Obest	2-3	30.02 73 69 59		stist 7
- 1	(Ok. by S.	2.3	80.02 73 71 60		cir. cum, 8
	1.100.	1-2	30.04 67 74 65		cir strat 9
	C4. NO.	1-2	30.05-66 73 66		cum. 8
		1-2	30.09 64 66 59		" 9
		0-1	30.10 63 62 56		. 9
	Calm	0	30.13 61 60 54	в.	more. 10
		0	30.1658 54 51		. 10
		٥	30.19 57 55 49		n 10
		0	30.20 56 55 49	10	" 10
1.		0	30.20 55 54 49		- 10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On. Overcast and mild. Calms. Barometer falling Banked free in Boiler A.

Roger Welles Ja Ensign V. J. Ph

From 4 to 8 a. M. Onicast and cloudy. balone to light Fofly airs. Barometer rising rapidly. Received 34 lbs fresh bread, 42 1/2 lbs bref, and 42 1/2 lbs regetables which gracked inequation. Banked free in Boler A. Librity new returned on time.

Roger Chelles Jr. Ensign M. & M.

From 8 a. M. to Mend bleavant Gentle to moderate been from FM by & brew engaged in getting Egupment Construction and Ordnance stone on brand. Engineer force or handing engineer and briler's and testing steam launch. Navy Yard workness employed or brand as Johns: Emetwater 4, Steam Engineering 3, Ordnance 3. Fine banked in Boiler A.

In Noil Suntant & & M.

From Presid to 4 P. P. .
Cloudy and warm . Sight to gentle breeze from D. by F. to D. by S. Cover engaged cleaning up decks . Banked fire in Boiler A. The following Jaid worknew were on bold during the watch: 5 men in Dept Stram Engineering, Ordinauce I men, Construction 4 men.

n. n. Doliman/ Ensign W. S. Ok.

Dean 4 to 6 P. C.M.

Clear and pleasant. Light been from I had but librity party ashore. Workmen from Sany Yand employed in board as follows until 5 D.M. Steam Engineering 3: Construction 1. Decie Bouched in Boilor 4.

In Noil. Leiteuant U. I. M.

From 6 to 8 990.

Shear and pleasant. Light air to gentle breeze from 94. N. G. Perice backed in Birler A.

N. N. boleman Ensign U. S.M

M. M. Cofeman Ensign U. J. Ph.

Examined and found to be correct,

J. B. Millon, Navigasor. Juitenant U. F. M.

LOG of the UNITED STATES Phys Essel Moored to Dock, Chary Yard, Chorfolk, Va.

Third Rate,

_					-,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	7 0	7-000									-
			Reading	COURSES STEERED	WIND.	-		٠	BAROMETE			-	State of	Forms of Clouds, by	f Clear 10ths.	the Sea
Honr.	Knots	Tenthe	Patent Log.	by Standard Compaes.	Direction by Standard Compass.	Poroe.	Heal.	Leeway	Height The in inches. att	er. Dry	Alr, Wal	Water at	by symbols.	symbols.	Prop. of 8ky, in	State of the S
А. М.																
1				moved to Dock	Calm	0			30.225	5- 54	+ 49		b.	none	10	
2						0			30.225	5 5	449		41		10	
3						0			30.23 5	4 5	4 49		61		10	
4						0			30.245	3 53	49				10	
5					•	0			30.25 5	15	1 49	_	b.c.	cum	7	
6					-4" 4	0			30.26-5	0 4	946			- "	4	
1 2					9.9.W	0-1			30.26 4	9 4	9 47	-	0.0.	cum. stra	40	
8				1		0-1			30.26 4	19 4	947	1	do.	v -	0	
9					**	0-1			30.81 5	-1 5	2 4	8		"i	2	
10					Pat to N. No	1-0			30.33 5	2- 2.	6 51	,		cir um	. 2	
11				-	1.16.	0-1			30.34 6	00 5	651		**		2	
Noon.					1.	0 -/			30.35-6	26	1 55	-	-		3	
							-		1		-					

Course and distant	ce made good since preceding noon by	observations,		knots.		tenths.
	Latitude by D. R.			0	,	u .
Position at Noon:	Longitude by D. R.			0	,	и
Position at Noon:	Latitude by observations of O			0	'_	И
	Longitude by chronometer from Po	orenoon Observations of O		0	,	,
	(Latitude by			0	,	er e
Position at 8 A. M.	Longitude by			0		u .
Position at 8 P. M.	(Latitude by			0		"
Position at 8 P. M.	Longitude by			0	1	и -
Corrent during the	e time, knots tenths pe	r hour, setting to the				
Error of the Comp	ass by Azimnth O observed at	, ship's head		0		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0		variation used,
Error of the Comp	ass by Azimuth O observed at	, ship's head			2	N
Deviation of the C	ompass by Azimuth ⊙ observed at	, ship's head				variation used, o
Water expended du	uring the preceding 24 hours,			30	00	gallons.
Water	during the preceding	24 hours,				-
Water remaining o	n hand fit for use at Noon,		•	8	00	-
Coal consumed dur	ring the preceding 24 hours,			tons 9	100	lbs.
Coal remaining on	hand at Noon,			tons 9	400	м

P. M.				1. 1				
1	Proved to Dock	N. N. E.	1.2	30.32 62 6	156	b.c.m.	cir.eum	. 3
2		Calm	0	30.32 62 6	2 57			2 ,
3			0	30.32 62 6	2 57		L.	1
4		9.86	0-/	30.31 60 6	0 55	0 U.MU.		0
5			0-1	3032 59 5	9 54		_ h _	0
6		balm	0	30.32 57 5	8 54	4	41	٥
7			0	30.33 55 5	6 43	•		0
8		9. by E.	0-1	30 33 54 5	4 51			0
9			0-1	30 29 53 5	3 50	b. c m	u	2
10			0-1	30.29 53 5	50	V	0,	1
11		-	0-1	30 28 52 5	1 49			1
M:d.		-	0-1	30.24 52 5	1 49		44	1

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Clear, calm and pleasant. Fine banked in Biler A.

N. D. Lostman Ensign OU J. OK.

From 4 to 8 a. On Clondy and cook. Calms to light are from I. I'M. Frie banked in Birler A

M. J. Coleman Energy Ob J. M.

Drow 8 a. M. to Med but pleasant. Light variable are Barometer using at 10.00 mustered crew at Quarter Banked free in Bother A.

Roser Chelles for

Roger Chelles J. Ensign I S. Ox

From Mend. to 49 m. Cloudy and pleasant. Hazy. Calm and light are from I NE to 9 FE. Sent librity party ashore. Dies banked in Boiler It.

Int Nil Leutenant Qu S. On

From 4 to 6992.
Cloudy, but pleasant. Calmer and light airs from I & 6. Banked free in Boiler A.
Roger Welles be

Roge Welles & Ensign W. F. M.

From 6 to 8 9 n. Orneast and hazy. Calm and light airs from F. by E. Fine banked in Boler A.

In Noil Suitenant a. J. R.

Dum 8 P. M. to Mid.

Ourcast and mitty Occasional of the moon Light air from T. by E.

Bries banked in Boler A.

And Noil Luitenant W. A. R.

Examined and found to be correct.

J. B. Me illow Navigator. Suntenant & J. D.

LOG of the United States Phys Essex Morred to Dock Plany Yard, Phorfolk, Va.

Third Rate,

			D - V		WIND.				BAROMI	ETER	TEM	PERAT	URE.			Hear Hbs.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Lesway.	Height in inches.	Ther.	Air, Dry Balb,	Alr, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.
. М.				Morred to Dock	9. by E.	0-1			30.29			48		b.c.m.	nil.	/
1 2				VIVINIED TO SUICE	J. 17 6.	0-1			30.30					0.0.m.	h	0
3					*	0-1		-	30.27							0
4						0-1			30.23	51	50	45		0.0.m.d.		0
5					88.3	1			30.21.	51	49	46		0.c.w.		0
6					East	1-2			30-18					0 c.w.	-	0
7					&.√&.	2-3			30.16					0.0.m.d.	-:	0
8						3			30.14					0.0.m.a.	1	0
9					East	3			30.08							. 0
0				- 1	"	3.4			30.01						"	-0
1					"	3-4			29.97							0
on.					**	3.4			29.89	49	78	49			, "	O

Coulist and the state that are good state of the Compass by Azimuth O observed at ship's head Carpoint of the Compass by Azimuth O observed at ship's he	Course and distant	e made good since preceding noon by	v observations	knots.		tenths.	
Longitude by D. R. Latitude by observations of \(\circ \) Longitude by chronometer from Forenoon Observations of \(\circ \) //	Course and distant		, cool various,	0	,	"	
Position at 8 A. M. Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Longitude by chronometer from Forenoon Observations of O Longitude by Position at 8 P. M. Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth O observed at ship's head Deviation of the Compass by Azimuth O observed at ship's head Proviation of t		1		0	,	"	
Longitude by chronometer from Forenoon Observations of O	Position at Noon:	{		٥	,	"	
Position at 8 A. M. { Latitude by Cungitude by Cungitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth O observed at ship's head Current during the time Compass by Azimuth O observed at ship's head Current during the Compass by Azimuth O observed at ship's head Current during the Compass by Azimuth O observed at ship's head Current during the Compass by Azimuth O observed at ship's head Current during the preceding 24 hours, Current during the preceding			orenoon Observations of O	_ 0	,	"	
Position at 8 A. M. { Longitude by Position at 8 P. M. { Latitude by Longitude by Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth Observed at ship's head Deviation of the Compass by Azimuth Observed at ship's head Error of the Compass by Azimuth Observed at ship's head Error of the Compass by Azimuth Observed at ship's head Error of the Compass by Azimuth Observed at ship's head Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Loss 1/650 lbs.		` '		0	,	"	
Position at 8 P. M. { Latitude by O	Position at 8 A. M.	1		0	, _	,,	
Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Error of the Compass by Azimuth © observed at ship's head Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, United the preceding 24 hours, Loss 1650 lbs.				_ 0	,	"	
Current during the time, knots tenths per hour, setting to the Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Error of the Compass by Azimuth © observed at ship's head Error of the Compass by Azimuth © observed at ship's head Deviation of the Compass by Azimuth © observed at ship's head Water expended during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, United the preceding 24 hours, Loss 1650 lbs.	Position at 8 P. M.	Longitude by		o	2	u	
Deviation of the Compass by Azimuth © observed at ship's head variation used. Error of the Compass by Azimuth © observed at ship's head variation used. Deviation of the Compass by Azimuth © observed at ship's head variation used. Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon. Coal consumed during the preceding 24 hours,			er hour, setting to the				
Deviation of the Compass by Azimuth © observed at ship's head variation used. Error of the Compass by Azimuth © observed at ship's head variation of the Compass by Azimuth © observed at ship's head variation used. Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand 6t for use at Noon. Coal consumed during the preceding 24 hours, Too 1650 lbs.	Error of the Comp	ass by Azimuth O observed at	, ship's head	0	,		
Error of the Compass by Azimuth O observed at ship's head Deviation of the Compass by Azimuth O observed at ship's head Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand 6t for use at Noon, Coal consumed during the preceding 24 hours, Loss 1650 lbs.			, ship's head	9		variation used,	0
Deviation of the Compass by Azimuth O observed at ship's head variation used, Water expended during the preceding 24 hours, Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, The state of the coal consumed during the preceding 24 hours,			, ship's head		,	"	
Water during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, (coal consumed during the preceding 24 hours,			, ship's head	0	,	variation used,	0
Water during the preceding 24 nours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 1650 lbs.	Water expended d	uring the preceding 24 hours,		30	0 g	allons.	
Coal consumed during the preceding 24 hours, . tons /650 lbs.	Water	during the preceding	24 hours,			64	
1/2 1000 "	Water remaining of	n hand fit for use at Noon,		• -		**	
Coal remaining on hand at Noon.	Coal consumed du	ring the preceding 24 hours,		tons	650	lbs.	
Com temperary on many or second	Coal remaining on	hand at Noon,		162" 1	990	44	

M. 1	Mond to Dock	East	3.4	29.7452 5066 00m. mint	٥
2			3.4	29.76-53 51 52 "	0
3		9.88.	3-1	29.69 54 53 54 "	
4 1			0.1		0
5		9. ly E.	0-/	29.65 54 55 56 cir.cum. 29.62 60 58 59 b.c.m.d. mint.	3
3		Ø **	1-3	29.67 62 61 62 b.c.m. r. sumt.	
7		9. 9.04	2-3	29.55-63 62 62 b.c.m. w cir cum	. 7
			2-3	29.54 63 62 61 b.o.w.l. "	
9		**	3-4	29.54 64 61.62 bo ein.	
0		F. & Ly F.	3-4	29.54 65- 62 61 b.c.pg um. mil	
1 -			3	29.55 64 59 59	
id.		-	1-2	29.55 65 64 64 0 capt. ment.	0

Midnight to 4 a M. Ourcast and misty Sight air from I by & to & 9 & Turi banked in Bother A. Sight duyling rain last how.

Fred Noil Luiterant Q. J. S. S.

From 4 to 8 a.m. Ourast and raining Light to gentle breeze from E. GE to E NE. Fire banked in Bolev A.

Find Noil Lieutenant M. S.M.

From 8 a. m. to Merid Orices and raining. Gentle to moderate been from East. Barmeter falling Received in Dept of Supplies and recounts 34 lbs. brad 42 /h lbs. frab beef, 42 /h lbs. nogetables. Lind york Phil was detacked from this ship and placed on waiting orders. Received on board tarpoulus in Equipment Dept. Banked free in Briter A.

7 I Coleman Ensign W. G. OK

Dum Merid to 4 P. On. Orward rawy and miety. Gentle to moderate been from Each to 9.9 5 Bavoneter falling. Received 2708 gellow freed water from water book . Churchackled 30 fathonic after the air and shalked 15 fathonic of it on Each bown claim Banked free in Briten A. Sained who mouthly money. Received on board above in Egyptimes Ecoupt. Department

Roger Welles fr. Enign W. J. N.

Them 4 to 6 G. Mr. Cloudy and pleasest. Naming during lest home. Caken to light air firm F. ly E. Barmeter falling. By weer of the Commanding Officer the following acting appointments wire seemed a. Or. Law, Chief S. Rr. from Feb. 7. 1894, James Thomas Jeman from Feb. 2. 1894, James Lougan, Oberfram Feb. 2. 1894 Banked free in Boles & N. P. Coleman Ensign W. IN

Cludy and miety and vaning. Sight to gentle been from I. I'M. Barraeter felling. Banked file in Brief I. Oum b to 8 P. Mr. Roger Chelles Jr. Energe V 8.91.

3 now 8 P.M. to Phid Clondy with pressing rain equallor Gentle to mordente begge from IIN. to IN by I. Banmeter strady Bankod free in Briles. I Roger Chelles Je Ensign W. A.

Examined and found to be correct.

Leitenant 2. J. R.

LOG of the UNITED STATES Ship Essly Moored to Dock, Chang Yard Korfolk Va.

Thud Rate,

_		_			0 4		_		To the		-		-		-	h .	4
			Reading		WIND.				BAROMI	STER_	TEMI	PERAT	TURE.	State of	Forme of	Clea 10ths.	Do Se
Honr.	Knots.	Teuthe.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Forte.	Hoel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Halb.	Water at Surface.	the Westher, by symbols.	Clouds, by symbols.	Prop. of 8ky, in 1	State of the S.
															100		
A. M. 1				Murud to Dock	St. Qt.	2-4			29.57	52	54	52		0.0.9.6.	mint.	0	
2						2-4			29.60	51	53	52		6.6.9.	Cacan amid	4.5	
3						2-4			29.62	.49	49	48		",		7	
4						2-4			29.6	446	47	46				Y	
5						2			29.73		- 4			b.v.	4	4	
6						1-2			29.77	45	45	- 44			cum.	4	4
7					04.494.	2			29.81	45	+3	42		et .	com mil	. 2	
8			,		196.	2			29.91	44	43	41		Q.U.	4.	0	4
9					**	2			29.92	.44	143	43		bem.		2	-
10						2			29.98							2	
11					194. to 1. 1. 21.	2			30.0							2	1
Noon.					NAW to North				30.04					**		2	

Course and distant	e made good since preceding noon by	observations.		knots.		tenths.			
Course and distance	(Latitude by D. R.			٥	,	"			
	Longitude by D. R.			0	,				
Position at Noon:	Latitude by observations of Θ			0	,	er			
	Longitude by chronometer from Fo	renoon Observations of ©		0	,	H			
	(Latitude by			0	,	"			
Position at 8 A. M.	Longitude by			0	,	"			
				0	,	"			
Position at 8 P. M.	Longitude by			U	,				
Current during the		r hour, setting to the							
	ass by Azimuth O observed at	, ship's head		0	,				
	ompass by Azimuth O observed at	, ship's head			,	variat	ion used.	5	
12 /	ass by Azimuth @ observed at	, ship's head			,	"			
	ompass by Azimuth © observed at			9.		variat	ion used.	0	
	uring the preceding 24 hours,	,,		3	٥٥	gallons.			
Water Access	,	24 hours.		270	٥ ۵	4-			
	n hand fit for use at Noon,			29	00	**			
	ring the preceding 24 hours,			29	360	Ibs.			
Coal remaining on	* * * * * * * * * * * * * * * * * * * *		11	1-1	63	0 "			
com remaining on	name at 1100m,								

Р. М. 1	Moved to Dock	N. N. E.	2-3	30.0650 48 46	b.c.	eum. mit	. 6
2		**	2	30.07 48 48 46			
3		16. by 1.	2	30.09464745			
4			1-2	30.12 46 4544	4	11.	0
5.		49	1-2	30 15-45-44 43	4		0
6		A &.	2-3	30 16 46 44 42	4 -	4	D
7			2.3	30.19 46 48 41			
8			2-3	30.25-45-43 41	bc.		4
9		**	2-3	30.29 43 41 40	b.c.ne	en am.	5
10		-	2-3	30 29 42 40 39			
11			3-5	30.2941 4039		tom.	8
Mid.			3-5	30 31 40 39 88		our strak	

Midnight to 4 a. P.W. Cloudy with aqualle. Light to moderate breey from N. & Baroniter riving. Banked from So Balor A.

Rogerbelles Ja Eneign W. I. R.

From 4 to 8 a. M. Chady and cook. Light to moderate breze from A M. to M A M Baronter riving rapidly. Banked free in Boler A. Roser We

Roger Welles Jr. Enrige W. F. N.

From 8 a. On. to Mend. I such breev Not to North. Cloudy and cool. Engaged in getting stores on braid. Account in Egyipmus Disportants two wagon boads of sails and other course. One man on braid of north in Steam Engineering. Sint. J. S. Purcell, (I. I N. reported on braid for duty. alm 9.30 the Ch. F. S. Cledras stand in and went alonguide what near the day dock. Tempustine of magazine 41 found, 43 oft.

J. B. Melling. Lieutewant V. F.

From Merid to 4 JOH. Elevely and cort. Sight to gettle breey from N. N. 6. to N. 6. by N. Peccurd on brand in Ordinance Deft. the auminition for their ship. Peccurd in Equipment Light, port five and rockets. The following yard workness were no brand: I man in Deft Than Engineering and 3 men in Defter Defter Banked fine in Briter A. Commanding Office of the B. I Grundle paids and office to the Emmanding Office of the meet. By men of Commanding Office of the Best of the meet of the Emmanding Office of the man when to 3th draw conduct for oritaging law 16 hours.

From 4 to 6 STA South brey from No. by N and No. Cloudy and cool. Engaged in taking on board and atourne amminition.

J. B. Moilling. Leitemant D. S. R.

Ensign W. I. D.

From 8 G. Or. to Mid. bloody and cool Light to stiff breeze from NE. Barometer riving. Banked free in Birter A. N. S. Coleman Energy 96. F. N.

Examined and found to be correct.

Deutengat & Fr.

LOG of the UNITED STATES Thip Essex Phorfolk Va. Phird Rate,

Reading	WIND.				BAROME				URE.	State of	Forms of	Clear Othe.
COURSES STERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Heigh1 in inches.	Ther. all'd.	Alr, Dry Bulb,	Alr, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths
A. M. Ollowed to Dock	Jr&.	2.4			30.29	89	39	38		b.c.g.on.	cum.	3
2	- "	3-5-			30.29	38	38	37				3
3		2-3		1	30.31						n	4
4		2.			30.32	39	39	38		bom.	civ. min	.6
1 /2 - 15 184.2	41	2			30.32	37	37	05		4.	eid.	7
6		2			30.33	37	37	36			cum strat	4
7		2			30.37	38	38	37		- •	- 4	2
8	**	2			30.39	38	38	37				1
9		2-3			30.39	40	39	98		**	cum rink	/
10	**	2-3			30.38	41	39	39		0.c.m.		0
11	*	2-3			30.36	40	39	39		0.0.0.	-	0
Noon.	**	2-3			30.04	40	39	89				0

Course and distance	e made good since preceding noon by	observations	knots.	tenths.
Course and distant	(Latitude by D. R.	, observations,	0 /	"
	Longitude by D. R.		0 ,	"
Position at Noon:	Latitude by observations of ②		0 /	"
	Longitude by chronometer from Fo	orenoon Observations of ②	0 /	"
	(Latitude by		0 /	"
Position at 8 A. M.	Longitude by		0 /	" -
	(Latitude by		0 /	"
Position at 8 P. M.	Longitude by		0 /	μ
Current during the	time, knots tenths pe	er hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 '	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 /	variation used,
Error of the Comp	ass by Azimuth O observed at	, ship's head		II .
Deviation of the C	ompass by Azimuth O observed at	, ship's head	3 /	variation used, °
Water expended di	uring the preceding 24 hours,		400	gallons.
Water	during the preceding	24 hours,	4	4*
Water remaining o	n hand fit for use at Noon,		250	
Coal consumed dnr	ring the preceding 24 hours,		L tons 82	
Coal remaining on	hand at Noon,		159 . 810) ¹

Р. М.			111	1			
1	Moored to Dock	6.16.	2.3	30.33 39 38 38	0.0. N. W.	umb.	0
2		4,	2	30.31 39 38 38			
3	- 1	**	2	30.21 40 39 38	0.c.h.w.		0
4		,	2	30.21 40 39 38	0.on.	4,	0
5		~	2	30.15 41 39 39		,	0
6	1	**	2	30.13 42 40 39		4	0
7		N. E. by E.	2	30.11 43 40 40	4,		0
8	1	NE.	23	30.08 43 4141		41	0
9		,,	2.3	30.01 44 42 42		2	0
10			2-3	2994 44 42 42		60	0
11		**	2-3	29.91454344		*	0
Mid.		*	3-1	29.82 4.54445			0
				I I I I I I I I I I I I I I I I I I I			

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Hazy and cool. Sight to gently brey with light equalls from No. Barometer riving! Banked from Do bile A.

n I Lohman Ensign V. J. M.

Qum 4 to 8 a. M. Hazy and cool. Light brew from N.E. Barometer neing. Received in Dept. Eupplier and decourts 34 lbs brad, 42/2 lbs. meat, 42/2 lbs orgetables. Banked free in Boiler A. At 40 Cook started free in Bolew to and D.

n. n. boleman Eurigo U. J. W.

Prom 8 a. M. to Merid Cloudy all the watch; orwered last three hours. Thommag last two hours. I have the great the bay from No. at 1108 started engine for trail Received stone or board in Egyppunt and advance Departments. Our machines from bay Yard at work in Eigenen Department Jacob Observed by received their day a permanent approximent as Cornam to date from august 1.1893. Ompration of magazine 37° founds, 39° aft.

SPercell De. S. O. S. O.

Light to gentle been from 6. No. Owncast, rainy and a little elset. At 2. stopped steaming, no account of forward eccutive juin getting januard. The Commanding Officer paid aw official brait on the Emmanding Officer of the Vecurius. The J & ilke (M. 24 lt 3 c.) lift the align in lean of absence for me book, with permission to join the ship at Resport. The formal will boles it be and D. Jum Mend. to 4 PON.

J. B. Me elter. . J. Lewtenant & J. R.

Diene 4 to 6 P. Mr. Slight breeze from E. N.E. Orwast and cloudy. Raining Free braked in Briter A. C. and D.

Durell Sentewart & Sa.

From 6 to 8 P. M. Ourcast, cloudy and raining. Sight breyer from E. N. E. Duce banked in Briles.

A 6 and D. J. B. Mealtin, Just W. Ja

From 8 P. Mr. to Philo.

Light to gentle breef from NE by E to NE. Downard, cloudy and rainy.

Deriv banked in Bolen & B and D!

J. B. Me claim J. B. Me eltin Leitenant U. F. Dr.

Examined and found to be correct.

Leutenant & F. M.

LOG of the UNITED STATES Ship Essex Moored to Dock, Mary Yard, Verfolk, Va.

Third Rate,

			Reading		WIND.				BAROMETER		PERAT	URE.		Forms of	Pear the	1
Hour.	Knots.	Tenths	of Patent Log	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther in inches, att'd	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea 8ky, in 10ths	State of the
А. М.					40 44-											
1				Moned to Dock.					29.73 46				0.e.n.	rumb	0	į.
2					9.96. to 84.901.	1.2			29.68 4	7 46	46		0.e.m.	**	0	
3					91. 8 OV.	1-2			29.64 4	8 47	47		4	"	0	
4						1-2			29.614				0.e.d.		0	
5					W. N. 24.	1-2			29.65-46				06.7	40	0	
6					A. Ch. by OH.	1			29.65-4	3 44	44		.,		0	
7						2.3			29.66 4	1 42	41				0	
8						2.3			29.63 39						0	
9					OH. FOL.	2-8			29.64 40				0.0.00.	-	0	
10					Otest	1-2			29.60 4				0.0.		0	
11						1			29.6141					-	0	
Noon.						2-3			29 61 41					stead wind	. 0	

Course and distanc	e made good since preceding noon by observations,	knots.		tenths.
	(Latitude by D. R.	0	,	n .
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O	0	,	и
	Longitude by chronometer from Porenoon Observations of	9 °	•	м
Position at 8 A. M.	Latitude by	0	,	#
Position at 8 A. M.	Longitude by	0	,	n
	Latitude by	۰	1	"
Position at 8 P. M.	Longitude by	· ·	,	"
Current during the	time, knots tenths per hour, setting to the			
Error of the Compa	as by Azimuth ⊙ observed at , ship's head		-	
Deviation of the Co	mpass by Azimuth @ observed at , ship's head		1	variation used,
Error of the Compa	as by Azimuth ⊙ observed at , ship's head		,	"
Deviation of the Co	mpass by Azimuth O observed at , ship's head		1	variation used,
Water expended du	ring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			**
Water remaining or	hand fit for use at Noon,	220		"
Coal consumed dur	ng the preceding 24 hours,	3 tons 8	0	lbs.
Coal remaining on	nand at Noon,	156 " 7	30	el el

				1				
Р. М.				'				
1 10	World to Dock W.	IN.	2.3	29.6142	41 40	bo.	cum	2
2		4,	2-3	29.6249	+4 43		cir un	2
3	1		2-8	29.63 51	46 45	٠.	our.	ん
4			3	29.65-49	46 45		'4	2
5			3	29.65-48	46 44	**		2
6		Ofly A.	4	29 72 47			cum strat	.3
7	94	by A.	4	29. 45-46	44 42		"	3
8		Of by A.	4	29 77 46	43 41			3
9			3.4	29.79 46	42 40	beg.	cir. um.	2
10	1		3.4	29.8443		44	61	2
11			5-4	29.89 42	38 37	**	*	1
Mid.	OH.	19.	4-5	29 91 40		41		3

RECORD OF THE RESPECTATION OF PERSONS AND PARTY.

The danger to me is the Stages may found a court cong out may I we have the

There double in process to a made of the state of the sta

The set to be declared to high to goth they trigged bound from a condition to the formal to a second to go and the second to go and for many good of front is to the second to go and go and

Com Count to a the good by good by good by the bear of the the bear of the board of the second of the bear of the

Down a to to 1 the Brief Great lange from the 800 the get organisat or so thinks from - Ara, A and without from to be at in British Event &

They to be go histor

The L to V P 20 Begg for the by the thing when he was for went without

Nowwood & JA

2 - 1890 a 120 de service la moderna bruge for the by to and the bles the my moderna to

Burnett Har

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4" " " " " "

LOG of the UNITED STATES Thip Essex Third Rate, Moved to Dock, Phary Yard, Overfolk, Va.

			Reading		WIND.				BAROME	TER	TEME	ERAT	URE.			lear the	-
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	0
А. М.				m ~	01 10									,	cir.cum		
1				Morred to Dock	CM. JUCK.	4-6			29.93					b.o.g.	eum.	2	ı
2				1 1		4-6			29.96					.,	6.	6	ı
3				1		4-6			29.99	36	34	32				4	ı
4						45			30.03					.,		4	ı
5					44	4-6			30.12	35	33	30		**		7	ı
6						45			30.18	35	32	29				7	ı
7						2			30.21					b.c.	-	8	ı
8					**	2			30.22							8	ı
9						2.3			30.28			- /		.,	Cir. cum	9	ļ
10					P	2:3			30.29			- 1		4.		9	ı
1					*	3.4			30.34						-	9	4
oon.						3.4			30.35					b.m.	mone.	-46	3

Course and distant	ce made good since preceding noon by	observations,	knots.		tenths.
	Latitude by D. R.		o	,	"
	Longitude by D. R.		0	,	#
Position at Noon:	Latitude by observations of O		0	,	и
	Longitude by chronometer from Fo	renoon Observations of ⊙	o	,	и
	(Latitude by		0	,	"
Position at 8 A. M.	Longitude by		0	,	"
			o		"
Position at 8 P. M.	Longitude by		o	,	и
Current during th	e time, knots tenths pe	r hour, setting to the			
Error of the Comp	bass by Azimuth O ohserved at	, ship's head	0		
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0		variation used,
Error of the Comp	oass by Azimuth O observed at	, ship's head			"
Deviation of the C	Compass hy Azimuth ⊙ observed at	, ship's head			variation used, 0
Water expended d	uring the preceding 24 hours,		30	00 2	allons.
Water	during the preceding	24 hours,			44
Water remaining of	on hand fit for use at Noon,		19	00	44
Coal consumed du	ring the preceding 24 hours,		2 tons /	020	lbs.
Coal remaining on	hand at Noon,		153 "19		**
			1		

P. M.	Ornoved to Dock	01.991.	3	30.85-44 44 39	b. m.	une	10
2		Otel.	2-3	30.36 47 48 42	A.o.m.	cir.eum	.9
3		4	45	30 87 45 47 41		t.	9
4		40	45	30.40 45 47 42	b.m.	nunu.	10
5			3.4	30.4243 4441	**	4.	10
G			3.4	30.46 42 40 38			10
7			3-1	30.48 42 40 38	4	6.	10
8			1	30.50 41 39 37			10
9 .			0-1	30.54 38 37 35		11_	10
10		Balm	0	30.5-38 36 34		4	10
11			0	30.56.36 3534			10
Mid.			0	30.56 36 35-34		1 . 3	10

Oridnight to 4 a. m. Overdevate been from Or NO. blowing stiff to feel in aqualle. blear and cold. Banked feel under Birler A.

Hereell Sientenant W.F. W.

Oum 4 to 8 a.M.

Moderate to light breeze from Or. N. W. blowing stiff to fresh in aqualle first part. blear and cold. Banked free under Baler A. Reclived or board for use of orw. Department Pupplier and accounte, 30 lb. fresh buf, 30 lb. fresh mystable and 24 lb. fresh bread.

Henrell Sentenant W. S. R.

From 8 a. M. to Merid.

Bowneter vising Even engaged strong way brok gear dud cleaning up decide Wade peparations for historia in strand clother. Two facts who know no broad duding their watch in Deft than Engineering. By row of the Busson of Rangation the acting appointment of the Busson of Rangation and the duding the Standard fice in Birle A. Imperature of magazner 312 forward, 36° eft.

M. J. Coleman Energy W. J. W.

Firm Merid. to 4 P.m.

bleau, cool and pleasant. Dentle to stiff Vestuly buyer. Baroneter rising.

3 your new at work in Engineer Dept. and 2 in Ordinance Dept. Revelop stone in Equipment Oduans and Engineering Dept. Biritial steam launch. Banked fine in Briler A. By Men of Commenting Office & Mill M. 1. 2) and reduced to it the class conduct for meetaying leave 51 hours.

Roger Cheller, Jr., Energie W. S. N.

Clear and cool. Moderate to light been from Obest. Transferred & & Chalden (Sea) to the It of R. I Franklin Banked free we Bolor of. M. J. Coleman . Energy U.S. R.

From 6 to 8 P.M. Clear and pleasant. Gentle to moderate breze from Freet. Bavoneter reinig Banked free in Biler A.

Roger Welle, Jr. Ensign W. S. N.

From 8 P. On. to Mid.

Clear and pleasant Sight Westerly air and calms . Barmeter rising . Banked frie in Biler A.

Roger Chelles In Energy W. J. Nr.

Examined and found to be correct.

B. M. illon Levitenant Vs. F. Dr.

LOG of the UNITED STATES Thip Essex Phorfolk, Va. Third Rate,

			Reading		WIND.				BAROMI	TER	TEMI	ERAT	URE.			Sear tha.	e Sea.
Hour.	Knots.	Teuths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Sarface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the S
А. М.					6:4	١.,											
1				Moored to Dock.	Calm	10			30.55	35	34	\$3		b.	none	10	
2					"	0			30.56					41		10	
3					*	.0			30.57	34	33	32		4		10	
4					4 #	0	-		30.57	33	32	31		γ	"	10	
5					n	0			30.5-1	32	31	31				10	Ш
6					"	0	-		30.58	32	31	30		b.c.	cum.	7	
7					9.96	1			30.59	32	32	30		.,	am etias	4	
8				1	4.	2,			30.60	33	32	31				6	
9					9. by 8.	Z			30.65					4-		4	
10						2			30.66						*	3	
11						2.3			30.65						civi strab	a	
Noon.						2.3			30.65							2	

Course and distant	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	. "
	Longitude by D. R.	o	, ,,
Position at Noon:	Latitude by observations of ②	٥	, "
	Longitude by chronometer from Forenoon Observations of ②	0	, "
	(Latitude by	o	·_ "
Position at 8 A. M.	Longitude by	0	, ,,
	(Latitude by	0	, "
Position at 8 P. M.	Longitude by	o	, ,
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	o	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	n	variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head		, ,
Deviation of the C	compass by Azimuth O observed at , ship's head	9_	variation used, o
Water expended d	uring the preceding 24 hours,	300	gallons.
Water	during the preceding 24 hours,		*
Water remaining of	on hand fit for use at Noon,	160	0 "
Coal consumed du	ring the preceding 24 hours,	/ tons /0	60 lbs.
Coal remaining on	hand at Noon,	152 " 89	70 "

P. M.			11			0		
1	Through to Dock	Porth	2.3	30.6152 4	19 42	b.c.	Cir cum	.5
2		F.W. by 9.	2-8	30.60 56 3	3 47		1,	6
3	Į.		2-3	30.56 55-3	4 48	, ,		8
4			2-3	30.52 55 .	54 49	4,		9
5		Parth	2-3	30.50 55 4	14 49	-b.c.m.	4	9
6		9.96.	23	30.50 54 5	4 49		4	9
7		**	1-2	30. 48 54	19 47	b		6
8			1-2	30.47 50 4	9 47	4	4	3
9			1.2	30.44 50 4	19 46	.1		3
10		4	1-2	30.43 50 4	19 46			3
11			1-2	30.42 50 4	8 46	, ,,	-	2
Mid.			2-5	30.41 50 4	18 46	-11		2

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a m. Clear and pleasant balm. Bavoneter rising Branked free

Roger Weller fr. Enign & S. N.

Dum 4 to 8 a. m.

blondy and cool. balow and light airs and buyer from I SE. Banneter rusing. Received 23 lbs. breed, 30 lbs. baf, and 30 lbs. orgitables, which passed inspection. Banked fries in Boiler A.

Roger Weller fr., Energy W. J. R.

From 8 a. M. to Merid.

Sight to gentle been from I by E. Cloudy and cove. Engaged in buding cails. One have your workness at work in Engaged Treatment. Received cloud in Equipment Department. Received on brand how the Frankler John P Greek (Frence Cl.) with her transfer papers. Drive banked in Birles A. I Hord (B. M. I class) a based in the hear Demperature of magazine 34. I formed 36.2 eft.

J. B. Mellin Leutewant W. J. R.

Promo Merid to 4 9 M.

Generally clear and pleasant. Eight to gentle been from First to II by I. Bavoneter falling. Finished knowing for and aft early het for topsail and forwail; sheeted brone main topsail, then took in and fulled sail rud aquared spade. Two worksens on braid from Yard in Equipment Sipl. and I in Steam Engineering. Dies backed in Bother A.

N. A Coleman Eusign U. S. M.

From 4 to 6 P.M. Sight to gentle buy from South Clear and cool Sint likety party ashon. Frew banked in Borler &

J. B. Mellen Lieutenaat W. L. Dr.

Fine 6 to 8 P.M. Clardy and mild Light to quitle been from J. 46. Barmeter falling. Banked frie in Water A.

N. I. Coleman Energy (U. S.W.

From 8 J. Mr. to Mid. bloody and plvarant. Mornlight at time. Eight and to gentle beyo from I. S.E. Banked frie in Boler A

Examined and found to be corre

Eusign U. S. Ok.

S. Mo ilter Navigator. Leitenant Ok. J. Ok.

LOG of the UNITED STATES Thip Essex Phuid Rate, Movred to Dock, Plany Yard, Norfolk, Va.

			Reading		WIND.				BAROMETER	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	1
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height Ther. in inches. att'd.	Air, Dry Balb,	Air, Wot Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	
А. М.																
1				Morred to Dodo	9. by 6.	2-3			30.35-55	53	51		6.0.m.	civ. cum	.2	
2					0	3			30.32 56	54	62		**		2	ı
3						3-4			30.27 57	54	52		"		2	ı
4					"	3-4			30.25-57				-		1	A
5					**	3.6			30.25-58	57	54		a c.g. v.	لسسنا	0	ı
6				1		3-6			30.2459				٠,		0	1
7					Touth	3-4			30.25 58					"	0	A
8				1		3			30.25-57	55	-63		0.6.00.0.		0	ı
9				- 1	9.9.91.	2.3			36.25-56	. 56	58		0 0.0.		0	A
10					9 by W.	2-3			30.2457	57	56		0.6.	nimb	0	1
11					•	2-3			30.23 58	2.8	57				0	-
on.					991 by 8	2.3			30.21 59	59	28			CLEAN OCCOL	1.0	1

Course and distance made good since preceding noon by	observations,	knots.		tenths.
Latitude by D. R.		0	′	"
Longitude by D. R.		0	′	н
Position at Noon: { Latitude by observations of ⊙		0	,	и .
Longitude by chronometer from Por	renoon Observations of O	0	,	"
(Latitude by		0	,	II
Position at 8 A. M. Latitude by Longitude by		0	,	"
(Latitude by		0	1	и
Position at 8 P. M. Latitude by Longitude by		٥	,	u
Current during the time, knots tenths per	hour, setting to the			
Error of the Compass by Azimuth @ observed at	, ship's head	0	-	
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	n	ı	variation used,
Error of the Compass by Azimuth @ observed at	, ship's head		1	"
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head		1	variation used, 0
Water expended during the preceding 24 hours,		30	٥	gallons.
Water during the preceding :	24 hours,			4
Water remaining on hand fit for use at Noon,		130		44
Coal consumed during the preceding 24 hours,		tons 1	60	o lbs.
Coal remaining on hand at Noon,		151 " 1.	630	ы

M.						
1	Moored to Dock	901. by 8.	2.3	30.19 59 58 57	0.0.	Cur. amil. 0
2		. 0	2.3	30.18 59 58 57	41	. 0
3		Of. 8 ON.	2-3	30.17 59 59 58	b.c.	er. com, 2
4			2-3	30.16 62 60 59	7 4	. 2
5			1-1.	30.16 62 63 59	4	- 2
6			1	30.17 62 66 58	4	. 2
7			1	30.19 61 59 57	1 .	cum. 8
		.,	11	30.19 60 57 56		9
9		Porth	1	30.20 58 56 55		. 1
0		S. by 9.	0-1	30.21 57 56 55	· ·	cir. cum 7
1		Ser.	0-1	30 21 56 55 54	,	. 4
d,			510	30.21 55 54 53	-	. 5

under the command of

Commander J. W. Dickins Sunday February 18

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. .

Solved pleasant Light to gettle breeze with light aqualle from I by E. Banked free in Birler A.

n 1 bots

n. J. Solman Ensegn U. F.O.

Drow 4 to 8 a. M. Overcast and mild. Raining during last two hours of watch. Guthe breeze with frequent appaller from F. by E. to South! Banked free in Baler A.

N. J. Coloman

N. J. Solsman Enrigo V. S.W.

From 8 a 9n to Merid.

Light to gentle brey from I by 4. to I th by I. Overcast and cloudy. Pain frist love. Banked fries under Birles A. I. Of ord (B. M. I class) about without leav. Designature of magazine II: formand, 39° aft.

Fine Oriends to 4 PM. Sight to gentle been from FD. by S. and D. S. Cloudy and pleasant. Five banked in Biler a.

J. B. Me illine Leistenant W. J. R.

Dion H to 6 P. M. Sight airs and buy from Dr. Fox Clondy Banked free under Borles A.

Dura 6 to 8 P.M. Sight aire from Ct. J. M. Clear and pleasant. Fire banked in Birle A.

Jr. 13. Moiller De. S. M.

Drow & F. M. to Mid. Dight air from Gooth to Sel. Fair and pleasant. Dries banked in Borler A.

J. B. Moiller J. A. Switnant M. A. Dr.

Examined and found to be correct.

Freiterant & I.M.

LOG of the UNITED STATES Thip Essex Phil Rate, Onorfolk Va.

			Reading		WIND.				BAROMETI	ER.	TEMPER	ATURE.	State of	Forms of	Clear othe.	9
Honr.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height Ti	her.	Air, Dry Bulb, Air, Wet	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea 8ky, in 10th	0.110
. М.				moored to Dock	log land				1	~ 600	c. c	,	b.c.f.	civ.eum.	Ų	
2				Moored to Dock	Galm "	0			30.18 3				v.c. J.	Eccent .	7	-
3						0			30.18						2	ı
4	1				·	0			30.18						2	
5					F. G.W.	1			30.19				Scap f.	Cum moil	. '	l
6					Ok. by 8.	1.			30.19 5				b.o. 2.	cum	0	١
8					. W. Log G.	,			30.215				0.7.	_	0	1
9		17				1			30.19				0.c.m.	nimb.	0	1
0						1			30.19	57	56 5	5			0	-
11					**	1			30.19	58	56:5	-6		-	0	1
on.						1			30.19	59	8.7 8	7		-	0	H

	Course and distance	e made good since preceding noon b	y observations,	knots.		tenths.	
		Latitude by D. R.		0	'	"	
	28.	Longitude by D. R.		0	-	"	
	Position at Noon:	Latitude by observations of O		0	- /	"	
		Longitude by chronometer from F	orenoon Observations of O	0	,	H	
		(Latitude by		0	,	"	
	Position at 8 A. M.	Longitude by		۰	,	"	
	Position at 8 P. M.	(Latitude by		۰	,	"	
	Position at 8 P. M.	Longitude by		o	,	,	
	Current during the	time, knots tenths p	er hour, setting to the				
	Error of the Compa	ass by Azimuth O observed at	, ship's head	0	1		
	Deviation of the Co	ompass by Azimuth O observed at	, ship's head	O		variation used,	
	Error of the Compa	ass by Azimuth O observed at	, ship's head		,	II .	
•	Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variation used, o	
	Water expended du	ring the preceding 24 hours,		3	00	gallons.	
	Water	during the preceding	24 hours,			*	
	Water remaining or	n hand fit for use at Noon,		_ 10	00	44	
	Coal consumed dur	ing the preceding 24 hours,		1 tons	60	lbs.	
	Coal remaining on	hand at Noon,		150 " 1	370	44	
					,		

Р. М.						1-1-
1 Proved to	Dock 9.9%.	1	30.15 64 60	59	b.c.	cirum. 7
2	for by f.	1	30.13 67 61	60	41	4 5
3	South	1-2	30.10 68 64	61	4	6
4	P. P. W.	2-3	30.08 68 67	61		. 9
5		2-3	30.07 67 66	61		. 9
6		2-3	30 07 66 64	60		oir steel 9
7	4.	2	30.06 63 62	58	44	cin. cum. y
8		2	30.05-63 60	57		- 6
9		2-3	30.05-61 59	55		eir. 5
10	,	2.3	30.01 59 59	56		- 6
11	,,	2.3	30.00 59 59		.,	ex cum. 8
Mid.		2.3	30.03 59 58		-	. 8

Midnight to 4 a. M. ... Lalm cloudy and foggy. Fries banked in Boles A.

J. B. Moulton. Dieutenant U. S. Dr.

Drow 4 to 8 a. M. .

- Calm and light airs from F. F. W. by F. Cloudy and foggy Drei banked in Birles A. Received in Dept. Tupplies and accounts, 7.4 the fresh briefly, 30 lbs. fresh bref and 30 lbs. fresh regetables.

J. B. Moillan Lieutewant W. S. OK.

From 8 a. On to Merid.

Overcast and mirty. Fight air from FI. Barometer steady. Even engaged in excuring boats etc for sea. But manisail, at 1100 F. Hood (B. M. 12) returned 51 hours voretime. Banked frie in Boiler A. Computative of magazine 37 formed, 39 eff oger Welles L. Ensign & FR.

Derm 4 to 6 P. M.

Senitewant It S. M.

Banked from in Borler A

Banked

Dem 6 to 8 P. M. Sight breeze from S. J. W. Clear. Banked frie untel Boiler A.

J. Perrell Levitenant M. F. M.

From 8 P. Du to Deid. Sight to gentle begge from F. J. De Clear. Branked fire under Boiler A.

Herrell Lintenant W. J. a.

Examined and found to be correct.

J. B. Me illow, Navigator. Suttenant D. S. D. Navigator.

			D		WIND.				BAROME	ETER	TEME	PERAT	URE.			Clear 10ths.	e Soa.
Hour.	Knots.	Tentha.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Burface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of (Sky, in 10	State of the R
A. M. 1				Morred to Fock	Q1.J.94.	1-3			30.08					b.o.p.	cer cum	4	
3					A. Oi by A.	1-2 2-3			30.08	67	57	56		b.c.	4 ,,	7 6	-
4 5					J/6".	3-4			30.11	49	49	47		b.e.	cir um	8	
6					NE.by 6. NE.	3			30.19	48	46	44		60	our state	8	
8						34			30.26	57	47	44		',		6	
10						3.4			30.30	52	50	46		4.	4	6	
Noon,					- "	3			30.31	53	51	49		*		4	

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	0		"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ①	0		"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	u	
	(Latitude by	0	,	"	
Position at 8 A. M.	Longitude by	0	,	"	
		0		"	
Position at 8 P. M.	Longitude by	¢	1	"	
Current during th	e time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth O observed at , ship's head	0	*		
Deviation of the C	compass by Azimuth © observed at , ship's head	o		variation used,	۰ .
Error of the Comp	bass by Azimuth @ observed at , ship's head		,	u	
Deviation of the C	Compass by Azimnth O observed at , ship's head			variation used,	0 .
Water expended d	uring the preceding 24 hours,		0	gallons.	
Water Lecux	during the preceding 24 hours,	200	00	3+	
Water remaining of	on hand fit for use at Noon,	270	00	**	
Coal consumed du	ring the preceding 24 hours,	tons	40	O lbs.	
Coal remaining on	hand at Noon,	149 " 2	211	"	
		,			

. м.	~	1		0	1 1
1 Proved to	Dock No. by 6.	3	30.30 55 55 50	b.c.	cir. steel y
2	. 0	3	30.29 54 63 48		. 7
3	6. by N.	3	30.28 54 56- 48		
4	0	3	30.27 52 52 46		. 5
5	East	3.	30.24 51 50 46		circum. 4
6		2	30.27 50 50 46		,, 4
7	6.96	2	30.26 50 47 45	at	. 4
8	6. N.G.	1-2	30.25-49 47 45	"	Cum. 2
9		1-2	30.22 49 46 45		Cum. 2
10	9.6. ly 6.	1.2	30 19 49 46 45	н	. 3
11		1	30.16 49 46 16		- 4
lid.	96	1	30.13 49 46 46		. 4

Midnight to 4 a. M. Sight airs to moderate been from Oh N N to NE. Passing shows fish hom. Fair to clear. Banked free ender Boles A.

Glenell Lieutenant W. S. Dr.

From 4 to 8 a. C. M. Sentle to moderate been from N.E. and N.E. by E. Clean. Banked free under Bolen A. At 70 clock loved earl.

Lieutewant U.S.

From 8 a. In. to Chaid orb. Isuth to moderate breeze from No. at 10 o'clock fuled sail and squared youds. Iletel life hings and found there in unriving order. Tecurity brate for sea. Peccurit on bland in Equipment Dight. 2000 gallow fresh water. Banked frie in Briter A. Imperature of magazine 35-found 36 eff.

n. P. Coleman W. S. W.

Diom Mend to 4 9 M.

Sendy, but pleasant. Tentle breve from N.E. to E. by N. Barometer falling.

The Commanding Office of the U. F. F. Miantenormal paid an official ball to the Commanding Office of this Palife. Com engaged in securing ship for sea. Received in Equipment Dept. I benele of illuminating one. Banked fice in Boler 4.

Roger Chelles J. Euriga W. F. W.

From 4 to 6 P. Dr. Cloudy and cool. Gentle berry from East to E. by N. Banked frie in Boiler A.

M. A Coleman Eurige R. J. N.

From 8 PM to Ands. Such all such said bruger from E. NE to 8 E. Barometer falling Barked five in Boles A.

Roger Welles J. Energin W. S. N.

Examined and found to be correct.

Leveluant 91 8.9. Narigator.

LOG of the UNITED STATES Thip Essex Description Third Rate, Morney to Dock, Say youd, Norfolk Par, and Making passage to Presizent R.D.

			Reading		WIND.				BAROMI	ETER.	TEM	ERAT	URE.	State of	Forms of	Clear Athe
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In Inches.	Ther.	Air, Dry Bulb,	Air, Wet Buib.	Water at Surface.	the Weather, by symbols.	Clouds, by	Prop. of Clea Sky, in 10ths
. м.				~	0									b		
1				Morned to Docto	G.48.	1			30.12					b.c.	cir.cum.	3
2						1			30.1/	48	47	46		0.0.	mint.	0
3					G. GW.	1			30.10	48	48	46			"	0
					••	11			30.08	48	48	47			81	0
5					Frith	1			30.10	49	48	47		**		0
6					8.894.	1			30.09					-		0
7					892.	1			30.10	50	49	48		**		0
					fallow.	2			30.10							0
9					Ox Jox.	1.2			30.12					0.0.00.		0
						1			30.15							0
					ON. N. O.	1-2			30.15							0
1				Underway	"	1			30.15							0
on.				www.way		-			00.10	-/	- 0					~

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O	0	,	u
	Longitude by chronometer from Porenoon Observations of O	0	,	"
	(Latitude by	٥	,	u
Position at 8 A. M.	Longitude by	0	,	u
	(Latitude by	0	,	,
Position at 8 P. M.	Longitude by	٥	- /	и
Current during the	time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	۰	1	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	٥	,	variation used,
Error of the Comp	ass by Azimuth O observed at , ship's head		- 1	и
Deviation of the C	ompass by Azimuth O observed at , ship's head	Δ	,	variation used, o
Water expended du	aring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			bi .
Water remaining o	n hand fit for use at Noon,	24		**
Coal consumed dur	ing the preceding 24 hours,	H tons	40	lbs.
Coal remaining on	hand at Noon,	145 - 2	170	**

P. M. 1 Standing out	Garious courses Georiging Ship	Jrå.	3-4	30./0	49 46	46	b.c.m.	an. mil	-, Z
2	Geriging Thip	*	3		48 46	4			2,
3	0 0		3		48 47		4		
4	4		3		47 47				
5 15 at auchor	North	6.16 6. by 1.	3		48 47		4.	atral	2
6		6. by N.	3		48 47		O. C. m.N.	mint.	0
7		.,	3	30.13			44		0
8		**	3	30.19	48 46	45	0.0.		
9	6. by N.		3-4	30.14			0.C.N.		
10	East	49	3-4		47 44		0.0.		0
11	6. by 1.	,	3.4	30.14					٥
Mid.	NEly 6.	16	4.5		44 43		0.0912.		0

Phidnight to 4 a. M. Coloudy to orreact. Light air from E NE to I I A Barometer falling Banked

Rogellieller Ja.

From 4 to 8 a.m.

Ourcast Light variable acie. Baroneter steady. At 400 started free in Briles & and D Banked free in Boler A.

Roger Cielle Ja Sum 8 a. m. to Merid Light breeze from Oh. 9. 01. 14 Oh. N. Orneast cloudy and threatening. At 10. 50 turned over the engine at 10. 55 called all hands number ahip. At 11.00 cast off from what and accited by trig from the Pary Gard, turned draw stream and stood out of the Party. Bouwarding Officer cruing chip. At 12 metrics of Buch Bluft tight thip in the dudged channel. Demperature of magazini 36° france. 38° aft. Draft of adip 14 fat, where forward, 16 fat blue water.

. B. Mollin, Mr. Lientenant W. J. O. From Merid to 4 4 9 m Cloudy and misty. Sentle brey from N.E. Friet two home standing out with Nangatir at come. at 12.50 passed Old Point. at 2.5 chand down and began sunging step for conjust convition. at 5 20 exchanged acquale with Cape Henry station, making H.D. J.D. L.N. N. D. J. to which they areward F. B. E. N. - N. N. D. and H. R. E.; we assured F. B. E. N. - N. N. S. and H. R. E.; we assured T. D. N. D. and R. F. J. Naking 48 turner, speed was 7.4 knote Under steam alone, using Birlew A. C. and D.

To Lieutewant V. J. W. From 4 to 6 P. M Cloudy to sourcest and raining. Sentle breep from NE to E by N. Barometer steady. Firinging align until 4-30, then stood in to Eyno Bann Bay, at 55 same to auchor in 6º14 fathoms water, hard bodon sounds to 45 fathoms at little on statural chain. Banhut free. Bearings of anchorage: Cape Henry lighthous 46. by 6. 4. 6 (pc.), bagu blacker NE. b. 6. (pc.), Phin's Light N & by 81. b. 26. (pc.) Things head 6. 18 N. Samuel Obord Chamas rated to Booten Act 14 claw from Sel. Stated to detill. Duled head each and Apauler.

Keger Chelles In Energy Dr. A. R. From 6 to 8 P.m.

Overeal directing rain at times I tenthe breeze from E by N. Barrente riving Backed free in Birles A. C. and D. Distilling .

n. P. Coleman Ensign On do From 8 P. M. to Mid. Overcast and cloudy with vain at intervals during first and last hours. I will to moderate breef from 6 by to and No bluring stiff in aqualle last lover. Banked frie under Baker 4. B. and B. Dictilling.

Geneall Leitenant U. S. .

J. B. M. il ton, Navigator. Lieutenant N. F. V.

Examined and found to be correct,

Midnight to 4 a. M. ... Lalm cloudy and foggy. Fries banked in Boles A.

J. B. Moulton. Dieutenant U. S. Dr.

Drow 4 to 8 a. M. .

Lalm and light airs from F. F. V. by F. Cloudy and foggy Drei banked in Birles A. Received in Dept Tupplies and accounts, 7.4 the fresh briefly, 30 lbs. fresh bref and 30 lbs. fresh regetables.

J. B. Moillan Lieutewant W. S. OK.

From 8 a. On to Merid.

Overcast and mirty. Fight air from FI. Barometer steady. Even engaged in excuring boats etc for sea. But manisail, at 1100 F. Hood (B. M. 12) returned 51 hours voretime. Banked frie in Boiler A. Computative of magazine 37 formed, 39 eff oger Welles L. Ensign & FR.

Derm 4 to 6 P. M.

Senitewant It S. M.

Banked from in Borler A

Banked

Dem 6 to 8 P. M. Sight breeze from S. J. W. Clear. Banked frie untel Boiler A.

J. Perrell Levitenant M. F. M.

From 8 P. Du to Deid. Sight to gentle begge from F. J. De Clear. Branked fire under Boiler A.

Gentenant W. J. a.

Examined and found to be correct.

J. B. Me illow, Navigator. Suttenant D. S. D. Navigator.

			D		WIND.				BAROME	ETER	TEME	PERAT	URE.			Clear 10ths.	e Soa.
Hour.	Knots.	Tentha.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Burface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of (Sky, in 10	State of the R
A. M. 1				Morred to Fock	Q1.J.94.	1-3			30.08					b.o.p.	cer cum	4	
3					A. Oi by A.	1-2 2-3			30.08	67	57	56		b.c.	4 ,,	7 6	-
4 5					J/6".	3-4			30.11	49	49	47		b.e.	cir um	8	
6					NE.by 6. NE.	3			30.19	48	46	44		60	our state	8	
8						34			30.26	57	47	44		',		6	
10						3.4			30.30	52	50	46		4.	4	6	
Noon,					- "	3			30.31	53	51	49		*		4	

Course and distant	ee made good since preceding noon by observations,	knots.		tenths.	
	Latitude by D. R.	0		"	
	Longitude by D. R.	0	,	"	
Position at Noon:	Latitude by observations of ①	0		"	
	Longitude by chronometer from Forenoon Observations of ⊙	0	,	u	
	(Latitude by	0	,	"	
Position at 8 A. M.	Longitude by	0	,	"	
		0		"	
Position at 8 P. M.	Longitude by	¢	1	"	
Current during th	e time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimuth O observed at , ship's head	0	*		
Deviation of the C	compass by Azimuth © observed at , ship's head	o		variation used,	۰ .
Error of the Comp	bass by Azimuth @ observed at , ship's head		,	u	
Deviation of the C	Compass by Azimnth O observed at , ship's head			variation used,	0 .
Water expended d	uring the preceding 24 hours,		0	gallons.	
Water Leceus	during the preceding 24 hours,	200	00	3+	
Water remaining of	on hand fit for use at Noon,	270	00	**	
Coal consumed du	ring the preceding 24 hours,	tons	40	o lbs.	
Coal remaining on	hand at Noon,	149 " 2	211	"	
		,			

. м.	~	1		0	1 1
1 Proved to	Dock No. by 6.	3	30.30 55 55 50	b.c.	cir. steel y
2	. 0	3	30.29 54 63 48		. 7
3	6. by N.	3	30.28 54 56- 48		
4	0	3	30.27 52 52 46		. 5
5	East	3.	30.24 51 50 46		circum. 4
6		2	30.27 50 50 46		,, 4
7	6.96	2	30.26 50 47 45	at	. 4
8	6. N.G.	1-2	30.25-49 47 45	"	Cum. 2
9		1-2	30.22 49 46 45		Cum. 2
10	9. 6. ly 6.	1.2	30 19 49 46 45	н	. 3
11		1	30.16 49 46 16		- 4
lid.	96	1	30.13 49 46 46		. 4

Midnight to 4 a. M. Sight airs to moderate been from Oh N N to NE. Passing shows fish hom. Fair to clear. Banked free ender Boles A.

Glenell Lieutenant W. S. Dr.

From 4 to 8 a. C. M. Sentle to moderate been from N.E. and N.E. by E. Clean. Banked free under Bolen A. At 70 clock loved earl.

Lieutewant U.S.

From 8 a. In. to Chaid orb. Isuth to moderate breeze from No. at 10 o'clock fuled sail and squared youds. Iletel life hings and found there in unriving order. Tecurity brate for sea. Peccurit on bland in Equipment Dight. 2000 gallow fresh water. Banked frie in Briter A. Imperature of magazine 35-found 36 eff.

n. P. Coleman W. S. W.

Diom Mend to 4 9 M.

Sendy, but pleasant. Tentle breve from N.E. to E. by N. Barometer falling.

The Commanding Office of the U. F. F. Miantenormal paid an official ball to the Commanding Office of this Palife. Com engaged in securing ship for sea. Received in Equipment Dept. I benele of illuminating one. Banked fice in Boler 4.

Roger Chelles J. Euriga W. F. W.

From 4 to 6 P. Dr. Cloudy and cool. Gentle berry from East to E. by N. Banked frie in Boiler A.

M. A Coleman Eurige R. J. N.

From 8 PM to Ands. Such all such said bruger from E. NE to 8 E. Barometer falling Barked five in Boles A.

Roger Welles J. Energin W. S. N.

Examined and found to be correct.

Leveluant 91 8.9. Narigator.

LOG of the UNITED STATES Thip Essex Description Third Rate, Morney to Dock, Say youd, Norfolk Par, and Making passage to Presizent R.D.

Hour. Knote.			Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND.				BAROMETER.		TEMPERATURE.			State of	Forms of	Clear Mbs.
	Knota.	Tenths.			Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In Inches.	Ther.	Air, Dry Bulb,	Air, Wet Buib.	Water at Surface.	the Weather, by symbols.	Clouds, by	Prop. of Clean
. м.					0									b		
1				Morud to Doct	G.48.	1			30.12					b.c.	cir.cum.	3
2						1			30.1/	48	47	46		0.0.	mint.	0
3					G.GW.	1			30.10	48	48	46			"	0
					••	1			30.08	48	48	47			81	0
5				1	Frith	1			30.10	49	48	47		**		0
6					8.894.	1			30.09					-		0
7					892.	1			30.10	50	49	48		**		0
					fallow.	2			30.10							0
9					Ox Jox.	1.2			30.12					0.c.m.		0
						1			30.15							٥
					Ox. J. Ox.	1-2			30.15							0
1				01.1		1			30.15							0
on.				Underway	"	100			00.10	0/	08	0.0			1 "	0

Course and distance	re made good since preceding noon by observations,	knots.		tenths.
	Latitude by D. R.	0	,	"
	Longitude by D. R.	0	,	"
Position at Noon:	Latitude by observations of O	0	,	"
	Longitude by chronometer from Porenoon Observations of O	0	1	"
	(Latitude by	۰	1	II .
Position at 8 A. M.	Longitude by	0	,	"
	(Latitude by	0	,	и ,
Position at 8 P. M.	Longitude by	٥	1	и
Current during the	time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0	1	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	,	variation used,
Error of the Comp	ass by Azimuth O observed at , ship's head		1	"
Deviation of the C	ompass by Azimuth O observed at , ship's head	4	1	variation used, o
Water expended du	aring the preceding 24 hours,	30	0	gallons.
Water	during the preceding 24 hours,			
Water remaining o	n hand fit for use at Noon,	24		"
Coal consumed dur	ing the preceding 24 hours,	H tons L	40	lbs.
Coal remaining on	hand at Noon,	145 - 21	70	"

P. M. 1 Standing out	Varionis Connece Surviging Skip	Jr6.	3.4	30.10 4	19 46	46	b.c.m.	au. mil	-, 2
2	Geriging Thip	*	3	30.10 4		4 1			2
3	00		3	30.10 4					
4		4	3	30.10 4					
5.15 at auchor	North	6.16 6. by 1.	3	30.10 4			1.	atral	2
6		6. by N.	3	30.10 4			O. C. m. N.	mint.	0
7			3	30.13 4			61		
8		**	3	30.19 4			0.0.		
9	6. by N.		3-4	30.14 4			0.c.v.		
10	East	4	3-4	30.13 4				6	
11	6. by 1.		3.4	30.14 H					٥
Mid.	NEly 6.	16	4.5	30.14 4			0.091		0

Phidnight to 4 a. M. Coloudy to orreact. Light air from E NE to I I A Barometer falling Banked

Rogellieller Ja.

. B. Mollin,

From 4 to 8 a.m.

Ourcast Light variable acie. Baroneter steady. At 400 started free in Briles & and D Banked free in Boler A.

Roger Cielle Ja Sum 8 a. m. to Merid Light breeze from Oh. 9. 01. 14 Oh. N. Orneast cloudy and threatening. At 10. 50 turned over the engine at 10. 55 called all hands number ahip. At 11.00 cast off from what and accited by trig from the Pary Gard, turned draw stream and stood out of the Party. Bouwarding Officer cruing chip. At 12 metrics of Buch Bluft tight thip in the dudged channel. Demperature of magazini 36° france. 38° aft. Draft of adip 14 fat, where forward, 16 fat blue water.

Mr. Lientenant W. J. O. From Merid to 4 4 9 m Cloudy and misty. Sentle brey from N.E. Friet two home standing out with Nangatir at come. at 12.50 passed Old Point. at 2.5 chand down and began sunging step for conjust convition. at 5 20 exchanged acquale with Cape Henry station, making H.D. J.D. L.N. N. D. J. to which they areward F. B. E. N. - N. N. D. and H. R. E.; we assured F. B. E. N. - N. N. S. and H. R. E.; we assured T. D. N. D. and R. F. J. Naking 48 turner, speed was 7.4 knote Under steam alone, using Birlew A. C. and D.

To Lieutewant V. J. W. From 4 to 6 P. M Cloudy to sourcest and raining. Sentle breep from NE to E by N. Barometer steady. Firinging align until 4-30, then stood in to Eyno Bann Bay, at 55 same to auchor in 6º14 fathoms water, hard bodon sounds to 45 fathoms at little on statural chain. Banhut free. Bearings of anchorage: Cape Henry lighthous 46. by 6. 4. 6 (pc.), bagu blacker NE. b. 6. (pc.), Phin's Light N & by 81. b. 26. (pc.) Things head 6. 18 N. Samuel Obord Chamas rated to Booten Act 14 claw from Sel. Stated to detill. Duled head each and Apauler.

Keger Chelles Jr Eneign M. A. R. From 6 to 8 P.m.

Overeal directing rain at times I tenthe breeze from E by N. Barrente riving Backed free in Birles A. C. and D. Distilling .

n. P. Coleman Ensign On do From 8 P. M. to Mid. Overcast and cloudy with vain at intervals during first and last hours. I will to moderate breef from 6 by to and No bluring stiff in aqualle last lover. Banked frie under Baker 4. B. and B. Dictilling.

Geneall Leitenant U. S. . Examined and found to be correct,

J. B. M. il ton, Navigator. Lieutenant N. F. V.

0

LOG of the UNITED STATES Thip Essex
at anchor in Lynnham Bay, Va

11

		ur 1	minur in	agnina	viii	-	J'									
		Reading		WIND.				BAROME	TER.	TEMI	ERAT	URE.	State of	Forms of	Clear othe.	· Ses
Hour.	Knota.	of Palent Log.	Ships head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Cionds, by symbols.	Prop. of 8ky, in 1	State of th
A. M.																
1			JE.	J/6.	45			30.14	44	43	43		osgad.	numb	0	
2	Pu	ruging to El	f. North	P*	4-6			30.12	43	43	42				0	
3		0 0	J. W.	,,	5.7			30.09	41	42	42		de .		0	
4				4+	5.7			30.08	40	41	41		*		0	
5			A Ok. h. N.		5-6			30.10	41	41	41				0	
6			A orth	1. ly 6.	5.7			30.10	41	40	40		0.09.00.	,,	0	
7			4.16.	.0	4-5-			30.14					0.c.f.	"	0	
8	0	lord	NE. by E.	,,	3			30.18	40	39	39		0. c.m.		0	
9			Elys.	N6.	3-4			30.25						mint die	1.0	
10				,	3			30.24	41	39	39				0	

3 3

30.25 41 40 40

30.27 41 40 40

Course and distance	e made good since preceding noon by observations,		knots.		tentbs.			
	Latitude by D. R.		0	1	"			
	Longitude by D. R.		0	•	"			
Position at Noon:	Latitude by observations of ⊙		0	,	"			
	Longitude by chronometer from Forenoon Observa	ntions of ②	0	,	"			
	(Latitude by		0	,	**			
Position at 8 A. M.	Longitude by		0	,	"			
			0	,	"			
Position at 8 P. M.	Longitude by		o	1	μ			
Current during the	time, knots tenths per hour, setting	to the						
Error of the Compa	ass by Azimuth O observed at , ship's head		0					
Deviation of the Co	ompass by Azimuth O observed at , ship's	head	0	-	va.	riation used,	0	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head			-	"			
Deviation of the Co	ompass by Azimuth O observed at , ship's l	head	0	,	va	riation used,	0	•
Water expended du	ring the preceding 24 hours,		30	00	gallons.			
Water distil	during the preceding 24 hours,		4	00	64			
Water remaining or	n hand fit for use at Noon,		250	00	14			
Coal consumed dur	ing the preceding 24 hours,	7	tons 18	320	lbs.			
Coal remaining on	hand at Noon,	. 14	43 " 3	50	64			

P. M	Ji	da	l cu	neut										
1					€.48.	1. by &.	2	30.26	42	41	40	0 .c. m.	nisib	0
2	6	ib	b t	ide	N 91. ly 94.		2	30.24	42	41	40	*		0
					Ox Nox.		3	30.24	43	41	40	.,		0
4	1	1	5		••		3	30.24	43	41	40	"	arm. ninh	0
5	/		4		196 by 06.	Aly Etate	2.3	30.22	43	41	41	0.96.		0
6	1	1	2,		. "	1.16.	1	30.20 4	+4	41	41	4,	4	0
7	4	1	1		Next by N.		1.	30.23	44	41	41.		5	
8	0)	2	Flord.	&. NE	1.19.	1.2	30.23 4	44	40	40			
	c				E. by 8.	101	1-2	30.24	42	42	41	0. c.d.	ment.	0
10	0		8		East.		2	30.25	42	42	41	4	60	0
11	1		1			Ot. by S.	3	30.25	43	41	41	0.0.		0
Mid.	0		9				3	30.25 4	43	41	41			0
1														

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to Ha. On.

Ourcast misty and drysling rain. Moderate to very freel breeze from N. E.

Barmeter falling Distilling Banked free in Bolers A. E. and D.

Roger Weller S. Drom 4 to 8 a. On.

Described and misty, with despling naw, fresh to gentle berge defending from N.E. to I by E. Barometer desing Dook having of bage Herry Light & S. 14 E (pc), and something of bage Herry Light & S. o. chip arming to smith and It tiles and after that to might be black dates at almost 6.30 chip arming to smith and It tiles and after that to emily and floor. Stack dates at almost 6.30 chip or o'clock desert ship, with flap at each meet link, Decilling

n. S. Coliman Eusegn W. F. M.

From 8 Q. M. to Greid and mixty, acting thicker to Ad towards closed of watch Gentle to medicate breeze from N. E. Ship riding to flood tide Q 10.15 made signal Q. J. to Signal Station was not answered at close of watch. A norm a Natural salute was fired at Forties (Romon. Banked free wider Briles A. E. and S. Distilling Dungustur of meggynic 35° forward 36° aft.

Herrell Linterant M. J. R.

Own Merid to it G.M. Own.

Owner! and misty Light to quite been from N. by E. Baroneter steady.

Received no right from Gignal Station to signal O.J. Furring to ell tide about 2.15. Banked free in Birlew A. L. and D. Dietiling.

Roger Welles h. Eusign V. J. W.

Own 4 to 69.90.

Ownered and miety. Gentle been to light airs from N by E. to NE Barometer falling.

Ob 5.50 bauled down Interestimal Eigenst having revend no reply from the Figures Itation at Cayer Chery.

Banked frew in Birlew A. C. and D. Dietilling.

n. J. Colsman Energin G. J. W.

Own 6 to 8 P. Mr. . Ownest clody and mity. Eight air and brey from I No. Commenced arraging to flow trav at 7 40 and Tinket at 80 clock. Banked free under Briters A. C. and D. Distilling.

Lieutenant N. J. N.

From 8 P. On. to Onid.

Cloudy and desyling nain fiel part Eight breeze from A. A. Oh. hauling by West to Oh. F. Oh.

Examined and found to be correct. Barrenter steady. Riding to flood tide Branked free in Baker A. C. and D. Phypol

Kozer Weller J.

Exergin (h. F. Oh.

J. D. We William, Navigator.

Third Rate,

LOG of the UNITED STATES Ship Essex The Or auchor in Lynnkaun Bay Pa. and making passage to Veryport R. D.

					WIND.	-	V		BAROME	TER.	TEMI	ERAT	UBE.			Do.	1
Honr.*	Knote.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Fores.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
A. M.	Did	eb ca	mut			()											
1	0	7	d .	96. by 6.	fally a.	3			30.24	43	41	40		0.c. w.	munit.	0	
2	٥	1	to Sk.	Ox . ly 9.	9 . ly 9.	3			30.24	42	41	40			Cum mid	.0	
3	0	4		Ofest.	Hest.	2.3		ł	30.23						11	٥	
4	0	8		Q1. 4 Q4.	Ok by A	3			30.24			_		0	air . oum	0	
5	1	6			W. U.W.	3			30.23					b.c.ow.	nimb.	3	
6	ala	uch	er and	Getting underway	N91. ly 84.	3			30.23						cum	7	
7	3	8	3.8	16. by &.	A 96.	3			30.26	41	41	40	41	**	cir au	6	8.
8	9	5	/3.3	6.16.746.	A. ly 6.	3.4			30.24						cir.	6	
9	6	0	21.0	NE. by 6.	A by W.	3-4	4	0	3032	39	40	39	41	"	circum.	6	
10	6	9	29.9	1. E. by St.		3.4	4	٥	30.33	39	40	37	40	to .		6	M.
11	6	6	34.5	"		3-4	3	0	30.34							6	
Noon.	6	5	41.0			3-4	3	O	30.36	40	40	37	40	**		6	
														-			

39. 3 Distance new by Patent Log Course and distance made good since preced by observations, A 37 6 26 knots. tenths. 37 0 201 1." (Latitude by D. R. 75017.94." Longitude by D. R. Position at Noon: 37 0 17 . 4. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by havings bape Charles dightship 4. 18 %. 46 0 59 . 4. "
Position at 8 A. M. Longitude by Hone N. 1/24. 75 0 40 . 4. " Position at 8 P. M. (Latitude by D. R. Longitude by Chrometer from J.M. Obs. 0 38004.1.11 74 0 35.04. " 95506 Current during the time, 10 knots tenths per hour, setting to the , ship's head Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at Error of the Compass by Azimuth @ observed at 40%, ship's head NE. by A. 2 50 " O. Deviation of the Compass by Azimuth O observed at , ship's head variation used, 300 gallons. Water expended during the preceding 24 hours, 800 distilled during the preceding 24 hours, 2500 Water remaining on hand fit for use at Noon, 7 tons /220 lbs. /35 " /370 " Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

							1								
P. M.	47.2	1 6 by 1.	1. by 04.	3.5	3	0	30.37	39	40	37	40	b.o.m.	circum.	6	M.
2 7 0		. '		3.5	3		30.36								
	61.6	4.		3-5	2	0	30.34	39	38	35-	40	4		6	4
4 6 3	67.8			3-5	2	0	30.36	38	38	35	40	4		6	
5 6 5	74.7		N. N. W.	4	2	0	30 37	37	37	35	40	n	steat.	4	4
	- 832			4	2	0	30.37	37	36	36	40		-	3	0.0
7 6 1	89.8		6	4	2	0	30.48	36	34	34	39	4	erie e	8	
	2 96.5			4	2	0	30 46	35-	35	33	39	4	cir cum.	9	
9 6 0	2.5"	~	1. ly &.	4	3	0	30 46	34	3.2-	32	39	6		5	.,
10 5 9	8 4			5	3	0	30 46	33	34	32	39		-	7	
11 6 2	146	*		6-	3	0	30.46	32	34	32	39	4	A.	7	. 1
Mid. 6 3	20.9			6	3	0	30.47	31	33	32	36	4		5	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. On

This survey to 604 tides at 2 o'clark. Banked fire in Bolers 4. E. and S.

n. I. Coleman

From 4 to 8 a. Ch.

Sentle to morderate breve from B + B + to + by 6. Fair to clear At 50 clear apreach from under Birlew A. b. and I. and S. 47 got undergreed enter and stood out to sea, corner East.

At 6.7.5 Eagus Berry Light born (p.c.) F. B. 1. B, clauged corner to + B + by 6. (p.c.) and put now potent by registering o knote. At 6 27 est all plain sail everyt manusail. At 80 clock took departure Physicial East Eagus Charles Light + B + 12 B. (mag.) Patent by 13.3 knote.

Is Lenterant On & On

From 8 a. On. to Mend.

bloody, cool and pleasant. Sentle to moderate breeze from N. by It Barometer neing Suring first how took in all aqueue said and flying jit and at 8 50 brought ship to course N.E. by I. (pc) Bent mais and mugan topmast stayones. It to so took in and fulled all for and aft said. Titled magazine flored cooks and draws and found them in god order Ourebauled studened bower chain. Tecured sacher for sea. And at a sea a sea of water them is god order 143 of Team of the James and of magazine of magazine of magazine of magazine to the sea and always the season of t

From Preside. to it P. M. .

Cook, alight mich round horizon. Souther to stiff brey from A by W. Al 100 took amending 11 fatheres, a awdy bottom white with black and yellow africas. We I so are flying jet, jet, four trymans etapoul, man trysail against round forward. Al 1.48 took in forested and at 23 flying jet. Corhanded stanboard low chain ends stoud it bloom; got up jort low chain. Florenes in eight to Et. standing to Na. Al 300 eighted schoons to Ed. standing to Val. Al 300 eighted schoons to Ed. standing to Ja. A class of watch sund steam and for read aff soil everyth flying jet and main and muggen trymach stongard. Georgeath surfly from A & Bonce N & By N. Iteam in N & and D birley. Revolutions 46. 8. From preserve 58.

Guegn W. J. M. From 4 to 6 9.9%.

Dais and cold Moderate Greeze from N. N. Fteaming under these brilers, I am and afterial everys flying fit and man and muyin typinael stayrails. It 500 al foreail burner No ly M. Gc.) Chrotitini 453 per minute Fteam Pureum 58 lb. Potent by 83.2

From 6 to 8 9.0%.

HPurcell. Lintewant U. & N.

Cloudy and col. Broduct beeze from A. A. Bermeter rising Ruder steam, jet, fore typinach taysail, foreact, main tryind and spenker Court B. by A (pc) Steam 58 lb., Revolution 46.9 at 8.00 took a rounding, in 20 fathour, bottom yellow sand, black specks.

Promi 8 P. M. to Phid.

Coger Wells h

Energy N. F.M.

Cloudy and cold Moderate to stiff bury from I by E. At 8 30 took in forced, get and man trypad at

end of watch under strow and for trymant daysail and spanker, on men N. S. by M. Drive in bother to E and

D. Newhetin 1944. Petraw, At 12 0 clock took amaking 26 follows, gillur and, black speck. Potant by reading 209 From 8 J. M. to Mid.

Examined and found to be correct.

n. J. Colsman 12 Energy Re. J. Er.

J. B. Me etter Navigutor. Seitewant & S.R.

LOG of the UNITED STATES Thip ESSLY Third Rate, Making passage from Profolk, Va to Newport, RD.

					0					0				
			Reading		WIND.				BAROMETER TE	EMPERATURE.	State of	Forms of	Clear Othe.	se Sea.
Hone.	Knota.	Tenths.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leaway.	Height Ther. In inches. att'd.	Hulb, Air, Wet Hulb. Water at Burface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8ky, in i	State of th
А. М.	19	4	,	40.4.4	4.00				1 1 1		0		_	"
1	5	9	26.0	16. by t.	N. by 94.	2	3		30.47 30 30		G.C.	cereus.	2.	· Mi
2	5	8	31.8			2	3	0	30.4930 2	9 2739			6	
3	3	3	31.8	J16 1 N.		5	3	0	30.50 29 2	9 2739	44		7	. 3
4	6	0	42.2	4,		5	3	٥	30 54 29 2	9 24 39			6	
3	5	1	47.3		**	5	3	0	30.54292	5- 2437	**		5	4
			52.2		*	6	3	0	30.54272	5 24 37		cum.	4	
7			57.4			7	3	0	30.59 20 2	4 28 35			7	
8	Щ	8	62.2	-	**	7		0	30.57 20 2	2 21 35		1.	7	
9	5	0	14.	,,	1.194.	4	3		30.59 18 2			circum	6	la .
9-40.	2	3	695	JE.	g+	6	2		30.6/18 2			cutt.	3	
11			~			6-7	2		30.62 19 2		0		2	
Noon.					4*	6.7			30.63 18 2				3	

128.9 Dietance num by Patent Log. Course and distance made good since preceding noon by observations, 4.42 6. 138 knots. 39 003 11. " (Latitude by D. R. 73 041 .04. " Longitude by D. R. Position at Noon: 38 059 . 1. " Latitude by observations of O 73 019 194." Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D R. Longitude by Observation O 38 0 59 . 1 " 72 029.04 " Position at S P. M. Latitude by D R. Longitude by D R. 39 005 1 " 73 007 . 94. " Current during the time, 17 knots tenths per hour, setting to the \$752 6. Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth @ observed at , ship's head Deviation of the Compass by Azimuth @ observed at , ship's head variation used, 300 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 2500 Water remaining on hand fit for use at Noon, /3 tons /880 lbs. Coal consumed during the preceding 24 hours, 108 - 150 Coal remaining on hand at Noon,

						1	1								
8	Hardin	16:12 N.	Aby Ql.	16.7	3	6	30.64	19	20	18	37	Bon = 9.	CHAM- MAIN	6.2	M
		JE. 126.		7.8	3										
		16.		6-8	3										
0		NE. by 6.	*	67	3									1	٠.
				6-7	3	6	30.65	20	22	20	40	**	8+	1	
6	700	16.121		6.7	2	3	30.66	2,0	22	20	40	6.		1	.,
			4.16	6.7	3	0	3068	21	22	21	39	4	cum.	2	8-
0	79.5	42 1 4		6-7	3	0	30.68	21	22	21	39	~	6-	2	
5	84.6	4 16.0/46.	North	3.4	2								4.	4	
6	89.1		e/	3-4	2								٠,	4	fo.
			64										٠,	3	4
			**											2	**
	8 0 0 03 5 06 6 8	8 - 0 - 0 - 0 - 5 765 0 795 5 84.5 6 891 2 93.4 1 97.5	8 . I 6.126. 16.126. 16.126. 16.128. 16.128. 17.128. 17.128. 18.128.	9 NE. 12 N. E. 12	9 . 16.126 . 7.4 0 . 16.646 . 67 67 .	9 . 16.126 . 7.8 3 0 . 16.6 . 6.7 3 0 . 16.6 . 6.7 3 6	9 . J. 6. 12 6 . 7. 8 3 6 6 9 3 6 6 9 3 6 6 9 3 6 6 9 3 6 6 9 3 6 6 7 3 6 7 3 6 6 7 3	9 - 16.126	9 - 16.126. 17.4 3 6 30.64 19 0 - 16. 18. 18. 18. 18. 18. 18. 18. 18. 18. 18	9 - 16.126	9 - 16.126	9 - 16.126	9 " JG. 126. " 7.8 3 6 30.64 19 20 19 37 " 0 " JG. " 10 " 10 " 10 " 10 " 10 " 10 " 10 " 1	9 - 16.126	9 - 16.126. 1. 1. 3 6 30.64 19 20 19 37 1 0 - 16. 8y 6 64 3 6 30.64 19 20 20 37 1 0 - 16. 8y 6 67 3 6 30.64 19 20 19 37 1 2 69 5

U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a. On

Clear. Fiff breeze from N by 9h. Flearung with frie under bilers A. C. and D. Fortymark stayrail and expanser. At 2.10 got armodula in 2H fatheres, fine gray sand. At 2.15 changed concerts NE. 12N. At 40 clock got armodula in 22 1/2 fatherest fine gray sand and shell. Veriliation 43.2 year minite Patent log 42.2 kenter Tham present of M. Revell.

From 4 to 8 a. On.

Howell Sentenant ON. J. R. Cloudy and cold . Itely to very freel beeze from N by W. Barrete ruing . Come N 6. 12 h. Under steam, for topmar stayail, apparter and refer 6 30 trysail at 7. 30 de large fell urgest ship passed arter. Fram 60 lbs Revolution 44 5

From 8 a. M. to Merid

Roger Welles Jr Ensign & & W. Cloudy and cold Fiech breeze from N. 49. Last two hour thick, cleaning at internal. Third how serial fluince of sun. at 8 20 took sounding, 32 fathous, white sand with black agreeks. at 12.00 took amuduag 39 fathous, gray cand with black specks. At 9.20 stopped engine for repairs and banked fries in 4.6 and 5 Bolers. At 9.40 houled in Patrik by reading 69.5. At close of watch ship lying to sunder for topmark stayout, main trypoil and aparker, diffing to 5 FE. alout 3/4 hurte Probenti and from It I be Simpustum of magazine 33 forest, 34 aft. n. J. Coleman

Eusign & &. OK. Freeh to one fresh bears, blowing one fresh to moderate gale in agentle. Cloudy. Think award horizon Tun Lying to under for typinal staynal, main trysail and agentee Backed free under brilew A. G. and I Moderate and from N. by W. at 40 clock got arrending in 38 fathoms, fine gray sand, black sperie.

From 4 to 6 P. M.

Hurcell Dientenant V. J. D.

Eloudy, thick and anamy. Fresh to very feet breze in aqualle from I by N. Bavometer resing. At 5.35 started alread alon, no course N.E. by N. (pc.) and just one Potent log reading by s.

Roger Welles Ja Ensign In S. n. balandy and cold Fresh breze with aqualle from N. N.E. Clader steam in bolew A & and D. and the following sail, for tyrnes etagosis, main typail and examples. I steam 68 lbs. Revolutione 42.5.

N. S. Colman Energy W. J. N. From 8 P. M. to Mid. Changel cones to A. N.E. 1/6. and took in four and aft sail. Takent log 9.5 kert. Chrochetine 43. From preserve 58. nordente are from North:

Thurdle Lintenant W. S. R.

Examined and found to be correct.

Leutenant & For Marigator.

			Reading		WIND.				BAROME	TER	TEM	PERA	TURE.			lear the.	- Sea
Hoor.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Fores.	Hoel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wot Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of th
А. М.		2															
1			0.7	J. NE 3/46.	A. by E.	3.4	1	0	30.75	22	20	19	40	b.c.	Cum. anim	12	A
2			4.7		N. StE.	3-4	1	0	30.76	22	20	19	40		4	1	R
3			9.7			3-4	1	0	30.76	22	20	19	40	b.am.e	. "	1	11
4		8		W 1		3	1	0	30.76	22	20	19	40	-	4	1	1,
5	5	3	19.8		• _	3	1	0	30.76	23	20	18	40	-	**	1	
6	5	7	25.5	**		3	1	0	30 76	22	20	18	40	-		1	,
7			31.8	"	J. 6.	2-3	1	0	30.76	22	20	18	40	_ " _		1	
8	5	7	37.5		•	2.3	1	0	30.76	22	26	18	46		**	2	
9			43.3		1 6. ly 1.	3	1	0	30.76	20	20	19	39	0.0.0.	numit.	0	
10	5	9	49.2		€.4€.	3	1	0	30.76	20	20	19	37		*	0	4.0
11			55.1		& by N	3	1	0	30.77	20	21	19	35	b.c.s.	cum mail	2	-
Noon.	5	7	61.8			3	1	0	30.77	22	20	19	35		**	2	

96. 4 Duta	ruce run by Patent Log			
	ce made good since preceding noon by	observations, J. 6. 14 A	. 102 knots. tenths.	
	{ Latitude by D. R.		40 ° 13 ' N. "	
Position at Noon:	Longitude by D. R.		72 0 20 '04. "	
Position at Noon:	Latitude by observations of @		40°25' N."	
	Longitude by chronometer from Fo	renoon Observations of O	72°02'84."	
	(Latitude by AR.		72°02'04." 39°52'N."	
Position at 8 A. M.	Latitude by DR. Longitude by BR.		72035194."	
	(Latitude by		0 1 11	
Position at 8 P. M.	Longitude by		Q 7 #	
Current during th	e time. 18 knots tenths pe	shour, setting to the	. h. 6.	
Error of the Comp	pass by Azimnth O observed at	, ship's head		
Deviation of the C	Compass by Azimuth O observed at	, ship's head	variation used.	
Error of the Comp	pass by Azimuth O observed at	ship's head	- "	
Deviation of the C	Compass by Azimuth @ observed at	, ship's head	variation used,	•
Water expended d	uring the preceding 24 hours,		300 gallons.	
Water	during the preceding	24 honrs,		
Water remaining of	on hand fit for use at Noon,		2200	
Coal consumed du	ring the preceding 24 hours,		8 tons 3 85 lbs.	
Coal remaining on	hand at Noon,		99-2010 -	
			,,	

Р. М								1	1						
1	7	7	69 6	N 48. 3/46.	Jr€.	3	٥	0	30.75-23	21	20 3	5 b.o.s.	an sind	2	9
4	1 2	7	69 6	1 1 5 3/4 E					30 73 33						
3	5	3	11.1	46.14E		2	0	٥	30.70 24	21	203	4		3	
			90.4		4	2	0	0	30.6825	22	2131	+	cum.	3	
5	6	1	96.5	Under come of	44	2	٥	0	30 62 25	- 22	2131	<i></i>	- "		
6	6	5-	3.0	Navnjetor	4.	2	0	0	30 60 25	-21	213	<i>+</i>		3	
2				NE 128		2	0	0	30.60 28	23	223.	;- ·,		3	
8	5	6	150	France by lights for		ん	0	0	30 60 28	23	223.		4	.3	*,
	7	2	22.2	Comming.		3	0		30. 54 30				nemit.		-
					"	3			30.48 30					0	
					6. N.		0		30.45-30					9	
Mid	a	aur	lor	₹E ¾ ₹.	E \$6.	2			30.44 30	25	25 3	১ -		0	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Midught to H a. M.

Cloudy with auns flurice last two hours. It extle to moderate breye from N by E. to N NE Baroneter steady. Quelor straw alone, no cruse N NE 1/4 E (p. c). W 4 00 stopped engine and annotation 3 fotherw. bottom gray sand, black aprecise. Straw 60 lbs. Perolution 37.

Roger Welles, h. Eusign M. 9 W. From 4 to 8 a. m. in Biles A & and D. Ou course I. NE. 8 to E. Steam 57 lbs. Quelline 42.1

From 8 a M. to Merid

N. J. Chiman Fight busy from N.E. by N. to E. by N. Cloudy with anon all the water Owness frest part at 10 a 90. at jet, for topmast stayors, main tryons and aparker at 11.55 stopped and got cast of lead in 35 fathous brown and and black aparker. At now, went alread again fell apret under their boiler Patent by 61.8 hunter Burbetime 42.9 Pressure 87 lb. Conner N. N.E. 9/46.

Description of magazine 33° formal, 34° eft.

" Leutenant U. FR From Merid to 4 9. m Clondy and cold, Light aire to light breeze from NE. At 120 changed course to Ny 6. It is a child and drawing N. N. N. stopped engine and took anding of fallows yellow and with Stacks apacks. Back of watch heading various concess, ordered by Commanding Office 18 300 fulled jets, for topmark stayeast, main tupail and eparker. At close of watch under alease Mortaux Sight braining NE by 6 distant about 16 miles. Perstution 47. Tham 67 lb.

Roger Welles Je Eusign W. J. M. Dem 4 to 60 m Cloudy and cold. Light been from NE. Bawreter falling. Under steam in Balen A. E and D. Steamy varior course, recent lybridge Office 16 5 to General Court Light brow At and FE light of Block Island brow E. FE. Cauch Start brow of for Protection Court at 60 clock. Revolutions 415 Start of 430 knowled ships to , and was anchured by Tip Saving Station , then but on International I I but this was unansweed.

Gueign U. J. a. Oun 6 to 8 P. m. Light brew from No. Cludy Steaming Bonce No. 126 at 6.20 righted When Island Light, book and at 5.50 FE was Block bland Light was about me by land. at 725 righted Pont Judich light ahead after 7.30 stewing by lights and standing in for Newsork Harbor. At sun of watch Fried Judal Light bow NE (p.c.) and Black Saland Light, both End E. FE (p.c.) Revolutions 42.5. Steam presence to Catand bog 15 k.

Our 8 y.m. to mid.

Lieutenant W. J. Dr. Orward, with sum last two hours butle to light breen from 46. to 6. 86. Bacometer falling. Steaming into Georget Kaibon the Commanding Office coming until 11.00 when came to ranchor in 10 fethers with have comploted and sound to 45 fethers intude hancepape in stanband chain. Banked fire in bolow of sind I and all out fair in biter 6 to the out Bearings of authorses: Know Island Sight 48 by W GP & bull Standing and tound to the configuration of the Stand of the Standing of the S

n. J. Coleman

_	-	-	-		WIND.	- 6			BAROMETER	TEM	PERA	TURE.		7	7 4	3
Hauf.	Kunta	Tenthe.	Reading of Patent Log.	COURSES STEERED by Scanlard Company	Direction by Standard Compass.	Futtoe	Heat.	Leeway.	Height Ther, in inches, att'd.				State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Ch 8ky, in 1011	State of the !
A. M.	عما	alc	usunt													
1	0	8		1.16	NE by N.	1-2			30 40 29	25	-24	39	0.0.0.	mint.	0	
3		7			160	1-2			30.3729	26	25	39	0		0	
		7		A &. by N.	-	1			30.8430					01	0	
		4		7	-	1			30.26 31	28	27	89	0.00		0	
5	0	3	4	€. 1/8.	-	1-2			30.20 32	29	28	39	-		0	
6		2	232	6		2-3			30.16- 32						0	
		2,		16.		2.3			30 14 32	29	28	39		-	0	
			Flore			2.3			30./3 33	30	29	39		-	0	
						4			30 10 37	33	33	35	O. C. A.		0	
					**	4			30.1037	36	-35	35	0. c.h.		0	
		0				4			29.9537	36	-35	35		٠,	0	
Noon.						4-5			29 95-39	35	-35	31	- 2	٠.	0	
										Lon	-	uricona.		-		-

Course and distance	ce made good since preceding noon by	observations,	knots.	t	enths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		٥	1	"	
Position at Noon:	Latitude by observations of ①		٥	,		
	Longitude by chronometer from For	enoon Observations of ②	c	,	#	
	(Latitude by		С	,	st	
Position at 8 A. M.	Longitude by		0	,	#	
	(Latitude by		0_	,	н	
Position at 8 P. M.	Longitude by		٥		*	
Current during the	e time, knots tenths per	hour, setting to the				
Error of the Comp	eass by Azimuth © observed at	, ship's head	10			
Deviation of the C	ompass by Azimuth © observed at	, ship's head		,	variation used.	0 1
Error of the Comp	ass by Azimuth O observed at	, ship's head			**	
Deviation of the C	ompass by Azimuth O observed at	, ship's head			variation used,	0 #
Water expended de	uring the preceding 24 hours.		30	O ka	llons.	
Water	during the preceding a	4 hours,				
Water remaining o	on hand fit for use at Noon,		190	0	-	
Coal consumed dur	ring the preceding 24 hours,		8 tons 3	80	lbs.	
Coal remaining on	hand at Noon,		8 tons 3:	10		

Р. М.	o) is	fall t	Surrent				
			Blood	16	16.	2-6.	29.9236 34 33 31 0 c.o.g. mint. 0
2	1	3		- 40	**	5.7	29.8935 34 33 31 0
3	1	2			1	57	29.89 35 30 33 31
4	1	3	-	**	-	5.7	29.8936-33 33 3/ " . 0
5	0	2	-	N.NE	Il by &	7	29.8982 29 30 32 0 0 9.
G	0	0	Elf	**			29.90 32 29 30 32
1	0	, 0	Flord	1 by 6.	*	7	29 94 31 28 29 32
			-			7	29.95-30 28 29 32 0
		0					29.97 30 25-25-32
		0		40	-	7	29.98 30 25 25 32 0
	0			"		7-8	30,0430 25 25 32 b-c. cumetak 8
Mid	0	I		*		7-8	30,0830 25 25 32 8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

falling. Banked free in Bilew of and D. (Midnight to 4 a m

n. J. Coleman Ensegn V. J. M.

Drum 4 to 8 a. On Overcast and cloudy Finouring . Eight aire and Brees from No Commenced surriging to flood at 5.15 and finished at 6.15 God not steam launch. Banked free under brilere A and D. Barometer falling.

Herell Lewtenant 9 9 9

Courant & Snowing on hailing. Moderate to fresh breeze from NE Peding to wind Commanding Officer paid official wint to Commanding Officer for the College and Training Station Rechard regarded Take breeze or an discretion Received from Rechard I Christianian (B.M. 20) J. Parker Chaman), 60 Kep (Box) J. T. Norder and Auguste D. J. Sallman (Es) and J. Karett (Bod Suewith large brancocks and necessary papers. Canked from in Birth. A. Baronte falling of White Words of the sall rechard to the control of the sall of the sal

Pand to 4 9 m. Energy With bress with heavy equally from N.6 with enow. Baconte falling. Branked five in Bills it. Phe adjutable of the Military pal came alonguite and quented complements of Commandant to Commanding Officer of this orient.

M. D. bol man Energy W. J. N.

Crom 4 to 6 4.9%. Every feel beeze from I by & Heavy sum fall Overcast and clondy Banked frie under Brile I Tidal observations not reliable due to wrather Barmeter unsteady.

Furcall Suntivant M. J. W.

Overact with heavy our fall. Ozy freek beeze from A. by & Baroneter resing ctiadily. Aiding to wind against flood tide, no observations on account of wather Backed free in biles A. From 6 to 8 P. m. Koga Weller Ju Ensign U.S.W.

From 8 P. In. to Oride. A Cool. Very feels breeze with equally from M.E. Barometer records. Branched from Montes A. T. Loberman

N. J. Coleman Energy D. J. D.

Examined and found to be correct.

J. B. Meilton, Navigara. Sentenant M. F. D.

Third Rate,

LOG of the UNITED STATES Thip Essex at anchor in the Harbor of Cheupert R.D.

			Reading		WIND.				BAROME	TER	TEM	PERATU	RE. State of	Forms of	of Clear n 10ths.	0
Hour.	Knote	Tenthe.	of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	the Weather by symbols	r. Clouds, by	Prop. of 8ky, in 1	Out of the
. м.				0												
1				JU. NE.	J. by E.	7			30.18	30	26	253	11 b.c.	cum.	9	B
2				N. by E.		7			30.18					none.	10	N
3						7			30.18	30	26	253	1/ ~		10	N
4					4.	7			30.18	30	26	25	1 -		10	ß
5						6			30.22						10	ı
6						5			30.27	29	25	243	0	"	10	A
7						4			30.30	29	24	23 3	0	"	10	A
8	_ 1					4			3034	28	25	243	0 f.c.	cir stead	9	4
9	ila	nl &	ide			4			30.36					- "	7	A
10	0	1				4			30.40	31	20	28	0 ~		E,	-
1	6	0				3.4			30.42					1 -	8	Ñ
oon.	0	0		h. n. E		3.4			30.44	32	30	29 3	0 .		9	ğ

Course and distance	ee made good since preceding noon by	observations,	knots.	tenths.
	Latitude by D. R.		0 /	"
	Longitude by D. R.		0 /	и
Position at Noon:	Latitude by observations of O		0 /	u
	Longitude by chronometer from Fo	renoon Observations of O	0 /	u
	(Latitude by		0 /	u
Position at 8 A. M.	Longitude by		0	u
			_ 0 /	"
Position at 8 P. M.	Longitude by		_ 0 _ /	"
Current during the	e time, knots tenths pe	r hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 '	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 4	variation used,
Error of the Comp	ass hy Azimuth O observed at	, ship's head	18 1	"
Deviation of the C	ompass by Azimuth O observed at	, ship's head	Ut /	variation used,
Water expended du	aring the preceding 24 hours,		300	gallons.
Water	during the preceding	24 hours,		**
Water remaining o	n hand fit for use at Noon,		160	o "
Coal consumed dur	ing the preceding 24 hours,		160 1 tons 26 98 " 175	t lbs.
Coal remaining on	hand at Noon,		98 " 175	° .

			1 0				1 1							
P. M			1	, , ,	e e _		1					,		
1	0	2	-	λ. h. E,	n.n.18.	2-3		47-37				6. E.	eir str.	8
2	0	2				2		4635					-	8
3	0	1	1			2	30	.4636	. 34	- 33	30			8
4	0	1		n. by E.		1-2	30.	46 36	134	33	30	9		6
	J			h. by E. E. by h.	, E. S. E.	2	30.	46 25	34	33	30			
	J			1, 1	,,	2	30.	48 33	32	31		_		8
				E. S. E		2	30.	4832	31	31				9
8	0	1		8. E. by 8		2	30.	48 32	13/	31		b.	noue	10
9	-	2	Flord	8. E. luy E.	*	2		4831						10
10	0	,	V 2000	, E. Lef 8.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	2-1		47 31						10
					"	,		4631						10
				8. 8.18.		4.5		45-31				1. ~	ein ciem	7
Mid	. 0	1	-	S. by N.	44	7-3	00.	10 02	0/	0.0	1	D. A.	0	1
														-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a Du. Overy fresh breeze from N by E. Clear Banked free under Birler A. On reliable tidal data observable due to high wind.

Hercell Lieutenant M. J. M.

From 4 to 8 a m.

Shear, cool and pleasant. Frish to moderate breeze from N by & Bacometer resing. This inding to write Pro reliable tidal observations Branked free in Birler

A d

Roger Chelle Je.

From P. a. M. to Meridian.

Color and cold; fulle to moderate bruge from N. by R.; baronter

Nising Alek riding to wind. Lint. Th. To be cherter W. b. N. reported for duly

W bland this, Junearl. - Peterson (M. a. n.) ment on 48 forms thank.

Danked from in boiler of a Compution of magazine 34 forms of the

N. D. Colornan

Carine. W. M.

Meridian to 4 8.M. loles and tool; higher airs, to guilto hear from N. M. C. By direction of Survey Official breaut the line Official fine ship what to the fining Islation to receive instruction for regard to the instruction of apprentices wanted free in both a 1. M. A. bothman. Revenue to M. J. bothman. Revenue to M. J. bothman.

From 4 to 8 OM.

Thereally clear and pleasant hight trugs from E. I.E.

Warmeler riding. Tamber fire, in boiler at Kogu Welles h. M.

Kunge del. M.

From F. M. to Midnight - ins. to gentle here from E. S. E.; Farmeter falling. Bankled fine in boiler at follow hide

M. S. Coleman. Eurige W. S. M.

Examined and found to be correct.

J. B. Milton Sasigaror.

LOG of the UNITED STATES Ship Easey Shird Rate, at auchor in the Harber of Sunfort a. I.

			Reading		WIND.				BARONE			PERAT	URE.	State of	Forms of	Clear Sthn.	- See
Hour.	Kuota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
А. М.																	
1	0	1	Flood	S. S. W.	S. S. St.	2			30,46	34	32	31	30	U.C.	lue sin	. /	
2	0	1			"	. 2			30.46	34	31	31	30	"		1	
3	0	0		Swinging	*	1-2			30.46	31-	53	33	80	b. c.	mente	7	
4	0	0	Ell	n. E. by St.	**	11			30.46	31-	33	33	30		eir. str.	9	ı
5	0	J	~	N. n./E.	Calm	0			30. 44	35	33	23				9	ı
6	0	1-	. 1	N. by E		0			30.44	34	32	32				8	Ш
7	0	2		n/E.	S. E.	1-2			30.45	33	34	34		b. 2. m.		7	
8	0	U		E. by 9.	S. S. 18.	1-2			30.46	36	35-	34			,	6	ı
9	0	0	duringing	E S. E.		1-2			30.48	41	37	36		C.	14	4	ı
10	0	1	Pland	1. S. E.	,	1-2			3446	42	18	37		~	4	4	ı
11	0	2				1-2			30.44	41	38	37			cir.str.	1	ı
oon.	0	2.				1-2			3042	42	39	38			,	1	

Course and distance	e made good since preceding noon b	y observations,	kne	ots.	tent	hs.		
	Latitude by D. R.			,	"			
	Longitude by D. R.		c	,	"			
Position at Noon:	Latitude by observations of O		c	,	"			
	Longitude by chronometer from F	orenoon Observations of @	0	,	н			
Position at 8 A. M.	(Latitude by		o	,	11			
Position at 8 A. M.	Longitude by		0	,	"			
	(Latitude by		0	,	"			
Position at 8 P. M.	Longitude by	•		,	u			
Current during the	time, knots tenths pe	er hour, setting to the						
Error of the Comp	ass by Azimuth O observed at	, ship's head	0					
Deviation of the C	ompass by Azimuth O observed at	, ship's head				variation used,	5	
Error of the Comp	ass by Azimuth O observed at	, ship's head		,	"			
Deviation of the C	ompass by Azimuth O observed at	, ship's head		,		variation used,	۰	•
Water expended du	uring the preceding 24 hours,			400	gallor	is,		
Water	during the preceding	24 hours,			**			
Water remaining o	n hand fit for use at Noon,			120	v "··			
Coal consumed dur	ing the preceding 24 hours,		/ tor	8 34	O lbs			
Coal remaining on	hand at Noon,		97	139	0 "			

		1						П			
P. M.			h .	0 0	0 -	1				,	· west
1	٥	2	Flood	South	S by E.	1-2	30.37 42 41	40	38	b. E.	er of 2
2	0	2		*	d.	1-2	30.31-44 48	42	38	",	, × 2
3	0	1	Ell	S. E.	1 "	1-1	30.31-44 48 30.3441 41	40	38		00 mg /
4	0	1		South S. E. N. E. by E. N. D.		2-3	30 33 41 40				
5	0	2		n. 8.		2-3	30.33 45 40	39	40	b. e.	eingh. 7
- 6	U	- 1		4	E	2	30.33 40 39	39	40	e	St. St. 1
7	0	1		East	South	2	30.35-40 19				
8	0	0	- 4			1-2.	Ja 36 40 39	39	40	•	. 9
	0		4	S. E. by S.	88 W.	1-2	30.36 40 39	39	40	*	. 9
10	0	1		-1		1-2	30.34 40 40	39	40	4	. 9
11	0	1		S. by E.	bulm	0	30.34 40 40	39	40		. 9
	0			S. by E. S. W. by S.		0	30.32 38 37				. 9
				4				-			

Communder V. Mickeus Nedwodoy, February under the command of , U. S. Navy, 28th, 1894. Meridian to 4 a.m. List of appertures received from howing Station Sundane Herry M.

Lille Jone He Herry M.

Helde Jone He Herry Herry Herry Herry Herry Herry Herry T.

Joseph Jone House Jone H.

Joseph Jone House Jone Herry Herry Herry Herry Herry Herry H.

Rather Hadre H.

Rather Hadre J.

Rather Herry H.

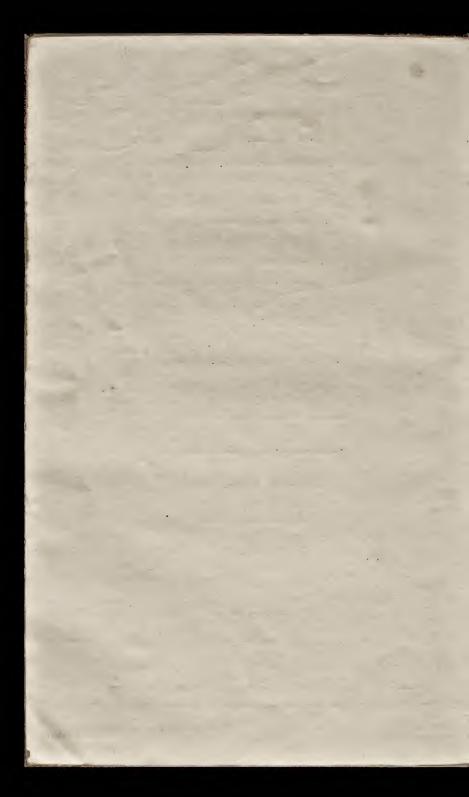
Jone Herry J. H.

Jone Herry H.

Jone Herry J. J.

Jone Herry J.

Jone Cogle Bound of the has bound of Brady William for the former of the fore old. It tide boiler a aperton, -1- W.S. n. bruges from le austil veler a vegetables. ulles.p. ign.all. -anding monet leave wend 904. Irman ~ W.S. N. 1° leftly tour. 1° Domple Min. H. Richer With Mary Joseph Sour. L. Mary wordt aller a. Murry John L. from S. by E. Mary world aligh a.
Mury of he be to the first of the best of the tipo verel ler daken: . Du rlow, 1-4.8. n. auked oleman. W.S. M. erot. Jun serton. wf U. S. N approved: Commonder, M. I. h., Comple Examined and found to be correct. Lintenant-W. S. Ne



Commences and until & a.M.

Shough first part, cleaning latter part of watch. bold.

Light are and breezes from S. S.M. Shep away to the obt tide
at 3.15. Moon love about 3 valuet. Saulad fire in boiler a

1073 Cupirton,

Lindman & M. N. Linterant U.S. n.

From 4 108 a. M. From to to 8 th. M. Turnetty clear and pleasant - balen, light are a bruges from S. E. to S. E. f. Farmeter steady. Ship reduced to the tide countil J. 45 when started to awing to flood. Banked fires in boder to Received no board so the bread, 37/2 the help of 37/2 the vegetable. I have a way to the beautiful to the segretable. which found impedim. roger Welles. fr Ensign. all.V.

From 8 a. M. to Meredian bloudy & sool, light air to light bugs from Adt. I mucauding the cer of the training station paid an efficient wint to the bommander of this french brook While (Writer 2nd blood) reported about without live. I at \$1.50 made regued but: 1.400 and braining station are went 904. Danked fires in boiler a Camp of magazine 3th (forward, ob tolerman Eurique U.S. N.

Meridean to 49. M. bilondy cold + Atreating vain Light are, & bruger from & by E. Swang to In let at 2.44 - at 28 M she following named appropriate 5th Rass mere broughout from in havel haining & taling to street werel, with their lancisches, but, accounts and restricting brunder defense.
(Su affended list) 2+ 30M made ten signed Int. 4736 & Rio library defensed and 904 at 3.11-furled rail, lavidy frevenily stationed the affermations. Thousand fores in boiler at the Will Pode at W.B Capirton. Lieutenant le 8 h.

Knu 4lo 8 O.M. fine under boiler. a: I guilt brege from 8 by & Famulach n. A. Coloman Eise on W. & M.

From POM to Midwight. Veright startight to be und light airs from S.S. W. Ship riding to the lebb lide. Bankedfires under bythe air. (aperton. Lucheraut 16 8 11

In forond: Immonder, M. J. N., Integ. J. B. Moillow, surgener.

LOC	LOG of the UNITED STATES Sub Ferry ar auchor in the Harter of Kungen - R. S.													Flir	l R	ate,	
Hour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leoway.	BAROMI Height in inches.				Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea.
A. M. 1 2 3 4 5 6 7 8 9 , 100 11 Noon.	· · · · · · · · · · · · · · · · · · ·	1 6 0 6 5 5 5 1 1 1 1 1 1	Florid Elle	S. S. M. S. S. M. N. E. M. Ly h. h. E. N. Ly E.	balm 	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0			30. 26 30. 24 30. 24 30. 25 30. 21 30. 21 30. 24 30. 24 30. 24 30. 24 30. 24	35 35 35 35 37 40 41	35- 35- 35- 34- 35- 36- 41- 43-	34 34 34 34 34 34 34 34	40 40	-0	eir etre	10 10 10 6 2 2 3 4 4 3 7	

Course and distance	e made good since preceding noon by observations,	knots. tenths.
	Latitude by D. R.	0 1 11
	Longitude by D. R.	O # #
Position at Noon:	Latitude by observations of ②	0 / "
	Longitude by chronometer from Forenoon Observations of	(O
	(Latitude by	0 1 11
Position at 8 A. M.	Longitude by	o , , ,
	(Latitude by	o , "
Position at 8 P. M.	Longitude by	Q / W
Current during the	time, knots tenths per hour, setting to the	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o / variation used,
Error of the Compa	ass by Azimuth O observed at , ship's head	0 1 11
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o variation used, o
Water expended du	ring the preceding 24 hours,	J-▶-# gallons.
Water	during the preceding 24 hours,	*
Water remaining or	n hand fit for use at Noon,	700 "
Coal consumed dur	ing the preceding 24 hours,	100 2 2 0 0 100. 96 " 1430 "
Coal remaining on	hand at Noon,	96 " 1430 "

Р. М.							1 1						1
1	0	0	Flord	S. Sh. by S. S. Sh. by Sh. S. Sh. by Sh. S. Sh. Sh. Sh. Sh. Sh. Sh. Sh. Sh.	1. It bus h	1-2	30.21	44	42	41	b. c.	Rer. Rem.	. 9
9	0	1		8. W. by 8.	Sm	1-2	30, 48				b.		
3	0	2		S. h.		1-2	30.17	48	51	48		4	
4	0	U		S. W by Mr.	S. n. by n	12	30.17				L. E.	"	10
5	0	1	Elb	M. E. E. Snite		2-3	30.14	45	46	45	b. 2.	Rirabi.	9
6	0	1			n. S. W	2-3	30. /3	44	44	43	4	tuen sh	9
7	0	1		M. by E.		2-3	30. 12	42	41	40	. "		
8	0	1		M.E.		12	30, //				b. su.		
9	0	U	Flord	Snot		0-1	30./2	41	39	38	L.		10
10	0	1			**	0-1	30./2	41	39	39	b. e.	pin	9
-11	0	1		S. by M.		0-1	3u. /2	41	39	39	"		9
Mid.	. 0	1		S. by N. S. S. W.	*	0-1	30./2	41	39	39	"		9

under the command of Commencedor " It harfares , U. S. Nerry, . 18 4. REC AD A LEI MIN'STUTNEOUR ELEXAN OR LEST D'EL Wedness - to 40. 11. Traden Frede for wound borgen lefting last lover - Iclear contend. Hut wound to still at 250 principling in to remailer combine from on border to Mercell. Fran 4- 15 8 11 11/2 below, Sounds and hogy becometer many absorbety black sweets to the title. Teauled free the boller to TI Estran From ? le M le Maradian -Islandy to few and bearant his size from I'M Tecercal and observement of bushes and occumula to the treat while seat beef and between to begin and comment of the court of 9.00 milital it quarter loted the granter loted the granter loted the state of the granter to the state of the state Meridian to 4 3.M. to fresh and and being from I'll and I'll rill there but began around to fresh tide it is to and freight of the from I to the house of the house of the free to be to receive from I I receive thistory such from the transmission and the transfer and the second to be the first to the transmission to the tran Merrill numerous to the to " From 41= 7 9.10 blev, just and bleven weather high to just been you I'm with trading to 11 I'm blest water at wise, founded wanging to the Est tide of to others. Look in 2000 gallong fresh water broad in Training Medicies water legitler true banked under boiler to Makerton

From I Me to Midning it light and from 18 18. Ishar. Hat wound to flood title at goldet he is muchin souled from and with his flowell

Sulle alter I & "

~ enterent U. L'I

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.	State of	Forms of	Clear Othe.
Honr.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Porce.	Heel.	Leaway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths
. M.		1	Flord	S. S. Sr.	S. S. W.	1			30.09	40	18	37		b.su	hnie	10
2		1	-		*	1			30.07					*	-	10
3		0				0-1			30.01					- 1	*	10
4		0		South	South	0-1			30.04					, "		10
5		Dr.	vinging	15 Ebt	**	1			30,04					b. em	cu str	8,
6		0	Ell 1	n E.	. 2	1			30.04						str.	4
7		0		18. n. E.	S. S. St.	1			50.04	37	36	35				4
8		0		n.E.	~	11			30.03	39	37	36			eir. Run	4
9		0	Plond	96.	FO4.	1-2			30.01	41	40	39		b.c.	-	4
0		1		901. by 9.		1.2			29.99	42	41	40		-	-	5
1		1		Fel.		2.3			29.98	48	41	40				5-
on.		2		901. h, F.		3			29.97					**		5-

Course and distant	ce made good since preceding noon b	y observations,	knots.		tenths.			
	Latitude by D. R.		0	'	"			
	Longitude by D. R.		۰	1	#			
Position at Noon:	Latitude by observations of ©		0	-	"			
	Longitude by chronometer from F	orenoon Observations of O	0	,	**			
	(Latitude by		0	,	"			
Position at 8 A. M.	Longitude by		0	,	"			
			0		"			
Position at 8 P. M.	Longitude by		o	,	M			
Current during the	e time, knots tenths p	er hour, setting to the						
Error of the Comp	oass by Azimuth O observed at	, ship's head	0					
Deviation of the C	compass by Azimuth ⊙ observed at	, ship's head	٥	,	Var	riation used,	٥	
Error of the Comp	eass by Azimuth O observed at	, ship's head	0		"			
Deviation of the C	Compass by Azimuth O observed at	, ship's head	9	,	var	riation used,	0	•
Water expended d	uring the preceding 24 hours,		4	400	gallons.			
Water receive	during the preceding	g 24 hours,	2 8	00	4+			
Water remaining of	on hand fit for use at Noon,		2.8	800				
Coal consumed dur	ring the preceding 24 hours,		/ tons {	160	lbs.			
Coal remaining on	hand at Noon,		95 - 6	70	44			

							11						
P. M.			Flord.	901. by 8	for.	12	29.94	45-	чч	43	b.c.	Civ.oum.	5
				3.07	0 W.	2	29.92				~	to the	
3	0	1				1-2	29.90	43	43	42			2
4	0	1	-			1	29 90	43	42	41			2
			Plack	J194 .	Qt. N 94	1.2	29.90	48	43	42		stist	2
6	0	1	Ell	A by &		1-2	29.88	43	48	42			4
7	0	1	7	N onth	-	2 .	29.88	45	48	41		cir steet.	9
8	0	2		I by E.		9-4	29.88	45	43	41	**		9
9	0	2,	4 .	1. ly 91	1 1. 1.04.	3-4	29.90	43	41	39		cum stat.	9
10	0	2,		1.191.		3-4	29.92	42	41	39	b.	nous.	10
11	0	1	*		,	3-14	29.93	41	40	39			10
Mid.	0	1		-)'		3-4	29.94	40	40	39			10
100				100									

of Commander to. Friday, March

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Hogy balu and leght airs from S. S. W to South. Harometer falling. Banked free in boiler a! Rome (Welles A.

Roger Welles Jr. S. N.

From \$1.68 a.M. Fair to cloudy and cool. Dight airs, from South and b. & M. black water at 4.11: finished awing in to the about 7.30. Force bouched under briler al. received in Defartement of Supplies and accounts Solls head, 106/4 lbs. vegelables and 106/4 lbs. frush blef for isene to crew. Limiter out - W. Sh

From 8 a. On. to meriol

Elear. Sight are to gentle been from PH. This began severaing to flord at 8.30 and finished in so munites. At 9.30 mustered at Quarters; about without lear. Charles Other Photos o Frationed and instructed in stations of General Residentes the apprendices Evicised all Acades Meriter Abstraction and instructed in stations of General Residence of Residence of General Residence o Lieutewant Ch. S. P.

From Merid to 4 P.m bloody. Sight aire and breyer from SO. Barraiter falling. At 1, 40 made argued Interrogatory. 1424 which was ancurred by Airhumond with 904. Italiand appearance his broats for aboutening align and arbitid regular gulling both new, exercising the latter at spelling. Transfund Termin Tullinan Gold and I builting to the form of the said of builtiness (B. 4. 2 de 1) to a 3 december with bags barrainess and necessary grepers, by order of the Burrar of Prairie and histories. Banked five in Birle A. Tested magazine flow only and design and from these first their recovering order.

Consider the S. Con.

Consider the S. Con.

Jum 4 to 8 9.0m Sight sin to moderate beeze from Mr. 484. Cloudy to clear. This evering to Ell at 5.00 in one how. Banked fries under Birler A.

Limburant Q. Fa.

From 8 F. On. to Mid. Clear wrather Gentle to morderate beeg from A N. Baimeter seeing Banked five in Birles A

Roger arelles Jr. Enuge a For

Examined and found to be correct.

Leilenant U.S. W.

LOG of the UNITED STATES Ship Essex at auchor in the Harbor of Queryport R. D.

Thurd Rate,

	Reading				WIND.				BAROME	TER	TEME	PERAT	URE.	B		Clear Oths.	o Sea.
Hour.	Knota.	Tenths.	of Patent Log.	Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther. att'd.	Alr, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C 8ky, in 10	State of the
А. М.		tal.	burent	0		10											
1	0	1		St. NOW.	A. N. 91.	5			29.94	40	40	40		b.c.	cur stiet	.9	
2	0	1			**	5.3			29.94	40	40	40				9	
3	0	1		^		3.4			29.94	40	39	38		в.	none	10	
4	0	1	606	••		3-4.			29.98	40	39	38			1.	10	
5	0	2		N orth	*	2-3			30.02	40	39	38		b.c.	cum. strat	8	
6	0	5		**		2-8			30.04	40	39	38			ii.	7	
. 7	0	6		Jeby E.		3			30.09	38	39	38			cum etia		
8	0	4			**	3			30.13					-:	1	8	
9	0	6		North	South	3			30.16					b.	more.	10	
10	0	3				3			30.18	43	43	42		**		10	
11	0	2				3			30.20	44	43	42		"	-		
Noon.	0	3		1 ly 6.	July 6.	3			30.20	44	43	42		**	- "	10	

Course and distant	e made good since preceding noon by	y observations,	knots.	tenths.
	(Latitude by D. R.		0 /	"
	Longitude by D. R.		0 /	"
Position at Noon:	Latitude by observations of ②		0 /	"
	Longitude by chronometer from Pe	orenoon Observations of O	0 /	"
	(Latitude by		0 /	tt
Position at 8 A. M.	Longitude by		0 /	"
	(Latitude by		0 /	
Position at 8 P. M.	Longitude by		0 /	"
Current during the	time, knots tenths pe	er hour, setting to the		
Error of the Compa	ass by Azimuth O observed at	, ship's head	٠ ،	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	variation used,
Error oi the Comp	ass by Azimuth O observed at	, ship's head	_ 6 /	И
Deviation of the C	ompass by Azimnth @ observed at	, ship's head	Ē ,	variation used, o
Water expended du	aring the preceding 24 hours,		400	gallons.
Water	during the preceding	24 honrs,		"
Water remaining o	n hand fit for use at Noon,		2400	44
Coal consumed dur	ing the preceding 24 hours,		1 tons 760 93 - 2050	lbs.
Coal remaining on	hand at Noon,		93 - 2050	44
			•	

D.M										
P. M.		0	Blood	North	Shorth	3.4	30.18 46 46-40	b.	nous.	10
					.,	3-4	30.19 46 45-42		1.	10 _
	0					3.4	30.20 46 46 42			
4	0	0				3.4	30.21 46 46 44			10
5	0	٥	EH.		N. N. CH.	3	30.22 46 46 44	4	-	10
6	0	٥		-		3	30 25 46 45 42	b.c.	cir atrab	. 9
	0			N. ly &.	*	3	30.28 46 41 39			9
	0			1.16.		2	30.84 43 40 38	b	more	/0
9	0	4		1 by 6	44	3	30.43 43 40 38	11		10
	0					3	30. 43 42 40 41	.,	-	10
11	0	2		e e		3	30.40 39 40 41	-	4	10
Mid.	0	2		~ .		3	30.41 39 40 41	**		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Onedwight to + a On. Clear and cool Faff to gutte beeze from A A & Branker free en Bulw 4.

n D. Coloman Grunge Q & FR

From it to 8 a 92. Eight to gentle been from it is to bear and cold Banked fires under Ealer A. L'Oblice of the 2th it utuned in brand at 7 is 71/2 hours continue bedoing to Elf tide all the watch account in Dept of Supplier and Eccounts to the of first brand, 105 the each of find

Lientenant a da

From 8 a. On. to Onesid.

bleaviand pleusant Gentle breeze from both to be Barrometer resong at 7 15 signalled Interespetory 5455 which was conserved by Archmond with 900. Evered sand to a brutches at 950 mustered call at Duarter at 950 must expend and to a brutches at 950 mustered at Duarter at 950 must be with a second by Cademond with 924 Beccessed Approvides with and automorped breeze produced such and according that we see the wind several breeze wholes the breeze wholes wast Barrow free wholes would be related to the breeze wholes with Barrow of free wholes the breeze wholes and Barrow of Carendard Called School and Barrow and the second without the second with the second of the second of the second of the second with the second of the seco

From Orend to 4 PM.

blear and pleasant lentle to moderate beeze from I out Blowles Phalo But and Law was discussed to Sandeman for overstaying leave I day and barring the limits of the status. A conting party of approximate left the ship for the French Was accounts of Jos Dorbing 3th of Japan one reserved on brack. Banked free in Boles of Direct up budding to see By other of Communiting Office to Darbon (See) was reduced to 5th class and ordered for metaging leave it land.

n. P. Coleman Ensign R. I. D.

From 4 to 8 P. Com.

Clear and pleasant. besite to light begge from it it let. Barrowette vising at 4.30 creek barge caus also girls. At 5.00 risting gest, estimate and jugad clim hammeric at 5.00 sounds signal battery story bayo which was assured by Richman with 904. The slave right yards, Barket free in Britaint.

Roger Weller io

From 8 PM. to must.

Elow and cool Gentle beege from A A & B. Douchow (Che) returned as Amer overteno Banked fuer on Rate of

2. I bokman Enga W. F. W.

Examined and round to be correct.

J. B. Milton Names

		1			WIND.				BAROMI	TER.	TEMI	PERAT	URE.			Sear the.	· Sea.
Honr.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Looway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the 8-
А. М.	Ji	tal	burent.	,													
1	0	2	Flord	04.904	1 16	1-2			36.38	40	39	38		b.	none.	10	
2	0	6	Flack	Ot. A Ot.		1-2			30.89	39	38	37				10	
3	0	1	864	South		1-2			30.40	38	38	37				10	
4	0	2				1-2			30.41	38	38	37		~		10	
5	0	2			balm.	0			30.45	38	38	37		~		10	
6	0	2		1 by 6.	N. by E.	1			30.49	38	37	37		b.c.	etial.	9	
7	0	4	-		. 0	1			30.50	36	37	37		*	te .	9	
8	0	5		N. NE.	North	1			30.52	36	38	37		~		9	
9	0	4		Morth	balm	0			30.53	38	40	39		~		9	
10	0	2,				0			30.63	40	42	40				9	
11	0	3		1.14	£94.	2			30.53	43	43	41		-	-	9	
Noon.	0	1		Forth		3			30.53	43	43	41			9.	9	
									1				_			-	

	and the second in the second i	knots.	tenths.
Course and distant	re made good since preceding noon by observations,	0 /	
	Latitude by D. R.		
Position at Noon:	Longitude by D. R.	0 ,	
rosition at 1400m.	Latitude by observations of ②	0 '	"
	Longitude by chronometer from Forenoon Observations of ②	o ,	"
	(Latitude by	0 '	"
Position at 8 A. M.	Longitude by	0 /	u
	(Latitude by	0 /	и
Position at 8 P. M.	Longitude by	0 /	H
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	pass by Azimuth O observed at , ship's head		
Deviation of the C	Compass by Azimuth O observed at , ship's head	р +	variation used,
Error of the Comp	pass by Azimnth ⊙ observed at , ship's head	,	"
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head		variation used,
Water expended d	uring the preceding 24 hours,	450	gallons.
Water	during the preceding 24 hours,		**
Water remaining of	on hand fit for use at Noon,	1950	0 "
Coal consumed du	ring the preceding 24 hours,	tons /9	OO lbs.
Coal remaining on	hand at Noon,	93 - 15	0 "

P. M						111			
1	0	2	Flord	F. 8.04.	901	3	30.52 42 41 38	be.	cir steat 9
2	0	2		901		3	30.52 45 44 41		- 9
3	0	3			*	3 .	30.52 46 45 43	b.	mone 10
4	0	3				3	30.52 46 45 44		. 10
					4,	3	30.50 42 44 42		- 10
6	0	0	Plack	,		3	30.49 41 42 40	be.	eum strat 9
7	0	2/	äll	Of est.		3	30.48 42 40 38	**	. 9
8	0	2		JOH	901. by 04.	3.2	30.48 40 39 38	4,	9
9	0	2		**	. "	3	30.48 40 39 38		cir. steal 9
10	0	2	Mary.	1 04 by 21		3	30.48 41 39 38		. 9
11	0	0	Glass Guraging	CH est.		3.4	30.48 41 39 38		- 9
Mjd.	٥	1		of got	••	3.4	30.48 41 39 38		. 9

RECORD OF THE MISCELLANDOUS EVENTS OF THE DAY

Midnight to 4 a m. .

Steer and cold Bright startight Light airs and breeze from N. N. E. Elach water at 140 Emiled energing to the Elf tide at 2 30 % on Fire backed under

To Reservon Leutenant M. & 9.

June 4 to 8 a. C.

believe and pleasant balow and light are from it by 6. to both Baronette aring balled all hands at 500 and began evalues they with standard watch at 500. Completed standarding the lights at 7.30 having account 43 true 1300 lb. of cred Barbad from in Balor it

Roger Weller pr

June 8 a. On to Great

Chasent partially cloudy balon to light are from FM. Port witch ingaged crahing from a martial relation Man Make to Community Care left steam bound without genomerous with the following file programme were steamed on brack in Department of Deplets and accounts 10th life. In 10614 The registable 85 the brack Banked from in Bolle 4. I Pate with the experted about without without least 134 or he of Community, Office & apparent (Fig.) was declared a decente. Comparation of magazine & from 35° aft.

71 I Coloma Europe Di & W

Cross Hand to fitted and orbit Seather breezed from FN. They riding to the first tide Continued ceeling shop from school Place Weller and took on to true during watch Press tracked under Ballo A. D. century party of apprentice some on brank from the D. F. Training Fration.

St Caperton. Lentenant M. J. D.

Curw 4 to 8 P. 9W

Suche cooling round 77 tow 135 lbs. Banker free in Bole A. Lend & & black to 20 2000.

Energy It & W.

From & FOR to Grid

Clear and cold bruth to moderate begger from Foll by M. Flack water about 10 30 They everying to floor tide at each of watch. Free backed under balon of

WK Capirton, Leutenant 2 33

Examined and found to be correct

Sentement & S. S.

LOG of the UNITED STATES Phip Essex At anchor in the Harbor of Orenigent C. J.

	Reading		WIND.				BAROMI	ETER	TEMI	PERAT	URE.	State of	Forms of	Clear 10ths.	Sea.
Honr. Knota.	Patent Log.	Ships head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of th
	al Current	V													
A. M.	2 Flood	નું જા	891. by 96.	3			30.50	45	44	43		law.	none	10	
2 0	2 -	901. by 9.	. /	2			30.50	45	44	43				10	
3 0	2	- 1	go4.	2			30.48	44	44	43				10	
4 0	2	-		2			30.48	44	43	42				10	
5 0	1	₹ % .	-	0-1			30.48	40	39	38		to.	cir.	9	
6 0	2	9.9%.		2			30.48					bem.		8	
7 0	0	P94.	-	2			30.49					- "		7	
8 Turn	ging to El.		•	3			30.50	/						7	
9 0	i all.	1 et. by ex.		3-4			30.49						eir.	9	
10 0	2	FOI. by OI.	*	3-4			30.48					be.	ar.cum	. 9	
11 0	1		**	3-4			30.46					•	eir.	9	1
Noon. //. 4	5 Flack	9 ш.	**	3-4			30.45	+7	45	43			cir. ettal	- 1	

Course and distance	e made good since preceding noon by	observations.	knots.	tenths.
Course and distant	(Latitude by D. R.		0 /	"
	Longitude by D. R.		0 /	"
Position at Noon:	Latitude by observations of O		. 0 /	"
	Longitude by chronometer from Fo	renoon Observations of O	0 /	"
	(Latitude by		0 /	II .
Position at 8 A. M.	Longitude by		0 /	"
	(Latitude by		0 /	"
Position at 8 P. M.	Latitude by Longitude by		٠ /	,
Correct during the	time, knots tenths pe	r hour, setting to the		
Error of the Compa	ass by Azimuth @ observed at	, ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,
Error of the Compa	ass by Azimuth @ observed at	, ship's head	0 /	u/
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 •	variation used, o
Water expended du	aring the preceding 24 honrs,		450	gallons.
Water	during the preceding	24 hours,		64
Water remaining of	n hand fit for use at Noon,		1500	84
Coal consumed dur	ing the preceding 24 hours,		/ tons //6	0 lbs.
Coal remaining on	hand at Noon,		166. 123	30 "

Р. М.													
1	0	2	Flord	9. 8 et.	I Pa.	3.4	30.43	49	46	40	be.	cir dual	. 7
2	0	2,		904.		3.4	30.43	49	47	44		-	6
3	0	2		~		3-4	30.43	46	49	45	4		6
4	0	2			-	3-4	30.42	44	45	45	4.	cir cum	3
5	0	2/		ga by 8	In ly a.	3	30.41	43	44	42		etral	
6	0	1		991 by 04.	. 0	3	30.41	44	43	42	٠.		3
7	0	0	Plack		4.	2-3	30.41	42	42	41		eum.	1
8	0	0	-	Oh by S.	*	2-3	30.41	42	42	41	b.	nene.	10
9	٥	4	EH.	. 0		2-3	30.38	42	42	41	b.e.	ans. stat.	9
10	0	8	4.	04.104.		3-4	30.36	42	41	39			9
11	0	6	4			2.3	30.37	42	41	39		cum simil	8
Mid.	0	4		Otest.		3	30.34	42	40	39			8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Oridinght to 4 a. on Sentle to hight breen from I'M by the and I'M blean and cool. Bright stanlight ibrary from I'm frushed winging to flood at 12.20 First banked water balls A. Geo Rocart Quita

Firm 4 to 8 0. 90.

Gastially clindy and cool. Ealen to quite brey fine FI Of y 20 limited "Interespecting 54 57". Pir Elmond replied 904. Of y 50 cioud wy al yards and bound sail to a builtied Banked fire in Baler A.

N. O. C. Linna

n I ladimen Engy Of & M.

From 8 O. Cm to merid

Elean cool and opened touth to moderate breeze from IN Mustered at Emartere at 9 30. James Foresan (It mat 2.) about since 6 PM. March 2.1894, one librity after quarter the Devicement Officers stationed the agreentices at their genes and gave them their Science tre. At 10.30 called all hands tack slig and musticed the agreement at their extense for the evolution ablitude. Flacks write at 11 45 Five transact under briler to become for even on Tagle of Tuggeties and accounts 96 Un. bread, 1071 the register and accounts 96 Un. bread, 1071 the register and accounts 96 Un. Willakerton.

Quitarant V. S.V.

Gentle to moderate been few 9th Party, lendy and placant. Plood tide 0.112 made eighed to believed Interogetory 48 to Pickweed andwerd Gen. 0.4 122 called all handward fuled each Persind From the Francisco February 3.0 lips, with bag and hammer Filled tanks with feels water from Training Station Made superations for sea, Fire backed under balon 4

Gen. Rower, Lewtenant V. 89.

From it to 8 PM.

Shouly but cleaning last how of watch Eight to goodle breyer from FM by the Flack water at 7 20 and commerced to away to the 2st tide at 7 25. Fixed banked water brills A WID Parkers.

W. B. Caperton Leutenant U. F.M.

Simil 8 P. to Prid. Eight to medicate beggi from Feb. by A. Fair and cold, Starlight night. Fiding scine unit and tide. This braked under both A.

Gentlement & For.

Examined and found to be correct.

Leutenant as & m

Thered Rate,

LOG of the UNITED STATES Thip Essex
Whencher in the Healter of Chewport R. D. and making passage to Charleston F.C.

					WIND.				BAROME	TER	TEMP	ERATURE		Name of	Clear 10ths.
Hour.	Knota.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet hulb.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of 6 8ky, in 10
. M.	عند	el cu	ment												
. 31.	0	2.	EH	South	99 by 84.	3			30.04	42	41	40	b.c.	acil stra	4
0	0	2,	Flord	for by f.		3			3034	42	41	40	64		8
3	0	2		9.981		3			30.34	42	41	40	*	cir stist	9
4	0	2		904. ly F.	4.	3			30.84	42	42	41		а	9
5	0	2	,		891.	2			30.04	41	41	40	b.e.m.	61	7
6	0	2		Agr.	Pa. ly 94.	2-3			30.04					*	6
7	٥	0			Fol.	2			30.36				**	1 "	5
8	0	0	Ju.	niguig	0. 0 0	2			30.36					-	9
9	٥	0	EH	3010	Fally 8.	2			30.40	- 4	1		le		7
10	0	2		Not by No	FU.	3			30.40				4	none	10
11 .	Z	0	Stand	ing out of Harbon	**	4			30.38				,	"	10
on.	5	٥			"	3	3	0	30.86	42	43	42			10

7 . Dietam run by Patent Log

Course and distance made good since preceding uoon by observations,

Position at Noon:

(Latitude by D. R. brange Longitude by D. R. Latitude by observations of O

Longitude by chronometer from Porenoon Observations of O

Position at 8 A. M. Latitude by Longitude by

Position at 8 P. M. { Latitude by D. C. | Longitude by Chronometer from 4 P. M. Obo.

Current during the time, & knots tenths per hour, setting to the , ship's head Error of the Compass by Azimuth O observed at

Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head

Deviation of the Compass by Azimuth O observed at , ship's head

Water expended during the preceding 24 hours, Water received during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

410 23' 40" St 71020115" %.

400 59

70020 " OL.

N. 34 . 6.

variation used,

variation used,

400 gallous.

1700

2800

2 tons 160 lbs. 164-1070 "

-																
P. M.			34.4	Course steered		. 1		1.1								
1	6	8	41.2	96. h. 9.	991	3.4	3	1/2 30.30	42	44	36	36	b.c.m.	cir. stink	. 9	9.
2	5	3	46.5	98.148.		3.4	3	1/2 30.28	42	43	36	36			9	to .
3	5	6	52.1	96.126	9.904	3-4	4	1/2 30.26	42	43	36	36			9.	~
4	6	4	58 5	98 3/48.	"	3-4	4	1/2 30.26	42	43	36	36	*		9	
5	6	2	647	96_		4	4	1/2 30.25	42	43	42	37	4,			
6	5	3	70.0	96. by E.		4	4	/2 30.24	48	48	42	37		-	8	
7	6	2,	762		**	4	4	1230.24	43	43	42	37		-	9	64
8	5	4	81.6	96. by 6.126.	9. by 24.	4	3	1/2 30.24	43	44	43	37	-	1	9	
9	4	9	86.6	Ofut		3-4	4	1/2 30.24	43	43	42	37		-	9	٠.
				O4:12 N.	**	3	4	1/2 30.25	43	43	42	36	b.m.w	nine	10	
11	4	6-	95.6			3.4	5	1230.23							10	-
Mid.	4	6	1002	Ch. 14 S.	-	3.4	6	1/2 30.23	43	42	42	36	41		10	

Midnight to 4 a. M. Fair to clear. Gentle been from 90h by W. Ship riding to flood tide from about 10 clock. Banked from under Briles "4".

Frank & The Com. Sent and cool. Light to gently begge from Al and Al & Q. Slack water at 7.30 a. Mr. Surriging to elt at 80 clock. Started from under boiler 6 at 40 clock. Made preparations for sea. Dies banked under boiler 8 and apread under boiler 6 at end of water.

From 8 a. On to Orend.

Sight to moderate breeze from F. H. by F and FO. Blear and pleasant. Faretad strame cutter at 9 00 and at 9.30 meetered durinow at quarters. Jas Peterson Bh. On at a. was declared a straggler from Pavell r.d. W 10.25 called "all hause up acclair" that shead with the regime at 10.35 resident all plain and transport of the table of and Old. At 11.30 made all plain and to myser topmash strangels every manuscrip, with for and myser topmash strangels. At 12.00 took departure Flips head of FE 16 5. Pand Julies Ol. 15 Grang), Phale Cock, Ol. 14 b mag.); Brawn Tail dight be N. Ch. 12 b (mag.).

Put one patrick by reading 34.4. Course Tull and by", making 46.44 f. Braught of ship, foured 14 feet, 6 inches; aft 16 feet, 6 inches. At such of watch allowing free to die wh. Compensions of magazine 25 fund.

Simu Preside to it P. 90. Secretary from FON and F. FON. Elean and cool hazy horizon. A 10 clock incompled propellor, banked free index briles it and allowed where free to die wit. At 150 changed concer from Full and by to FE. by F. by when of binimanding Officer. Sourced amoke stack raid est mainial at 3 P. M. At end of watch, aking by the rimid under all earl everyth main topinal stagnail. Island of No Naw Sand in eight me punit alaft the braw at end of watch, distant almost 8 miles. Patent log 58 5 hurts. Instructed appendicular at attents and lead of running gran from 130 to 3.30.

From 4 to 8 9.90.

Clear and pleasant. Product been from F. 104. Baronets steady. The smooth Tuder all plane earl to regal, with migres togenest stayab until 6.00 when called all hands and took a single soil in topsail, fulled egals and from jet and sent drue royal gards. Include at 600 in 22 fathous is and 5.00 in 24 fathous:

and at 7.00, 7.10, 7.30 and 8.00 in 20 fathous, bottom white sand and black apecks. Banked free in bother

4. Distilling.

Roger Civeller. M. Decome & F. M. do . A. S. Wild.

Sucry W. F. M. Sever and damy bentle to moderate brey from F. by W. at 8.45 now chip and brought her by which on york tack her ding Ores. Patribleg anding 851. Banked down mayon topward etaquail. At end of watch under jit, for topward stayacil, eniglo neifed topward, conser topy allant raile, main tryacil and aparker, handing 84.4 S. bound F. B. by J. Divis banked in briles A. Dietilling. A 8 30 toxic connecting 18 fatheries, gray cand. Partion at 830 P. M. by countings and brawing of Tankety Bead right No. Sal. 41 of W. Sing 70 20 N. Examined and found to be correct.

* at 8.25 eighted Gorhaty Head Sight braining S. 6. by 6 at 9.10 lost Pankaty Head light brying 6. N. 5. No illim, Xarrigation,

			Reading	•	WIND.				BAROME	ETER	ТЕМІ	ERAT	TURE.			lear ths.	See.
Bour.	Knota	Tenths.	of Patent Log.	COURSES STEERED by Standard Company	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther, att'd.	Alr, Dry Bulb,	Alr, Wot Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of 8 8ky, in 10	State of the Se
A. M.	65																
1	4	8	5.0	Q1 /4 A.	S. 901.	3.4	4	1/2	30.16	44	45	44	36	bo.m.w.	am strat	. 8	9.
2	5	7	10.7	Q4.3/4 N.		4-5-	5	1/2	30.12	46	46	44	36	- 4	us muit.	4	8.
3	6	3	17.0			4-5	5-	1/2	30.08	46	46	45	-36	"	"	2	
4	5	6	22.6	Ot by A.	**	4	5	1/:	30.06	44	45	+4	36		44	2	
5	9	45	26.5	9 €°./4 €.	~	3-4	5	1/2	30.08	45	44	43	37	*	"		A
6	5	7	32.2	96.3/49.	8.24.	4	4	1/2	30.09	45	44	43	38	O.c.m. p.	cum moit	. 0	"
7	5-	5	37.7			4	4	/3	30.10	46	44	43	39	b.com. p.	tab. amil	. 1	
8	5	4	43.1			4	5		30.10					b.c.m.	Care burn	3	
9	4	3	47.4		*	4	3	1/2	30.13	44	44	44	39		quat.	3	
10	5	6	53.0	\$6. by 9.	**	4	3	1/2	30.13	44	44	44	39	-	etral.	7	-
11	5	7	58 7			4			30 /3							8	~
Noon.	4	8	63.5		JOX by 94	3	3	0	30.14	46	48	46	39			9	٠.

,	Dictance run by Valent bry		
Course and distance	e made good since preceding noon by observations, \$4126.	62 knots.	teuths.
	Latitude by D. R.	40 °35 '	" A.
	Longitude by D. R.	70 031 1	" %
Position at Noon:	Latitude by observations of O	40 ° 33 ′	" A.
	Longitude by chronometer from Forenoon Observations of O	70 0 29 '	" % .
	(Latitude by D. R. hom 8.30 Pm. March 6.	40°50'	" A.
Position at 8 A. M.	Latitude by D. R. from 8.30 Pm. March 6. Longitude by Observation	70 ° 47 '	" C4.
	(Latitude by D. R.	70°47′ 40°16′	" M.
Position at 8 P. M.	Latitude by B. R. Longitude by Chenomates from 4 P.M. observation time, 2 knots tenths per hour, setting to the F. 344	70004	" % .
Current during the	time, 2 knots tenths per hour, sefting to the 9.344	£ ,	
	ass by Azimuth ⊙ observed at , ship's head	0 ,	
Deviation of the Co	ompass by Azimuth @ observed at , ship's head		variation used,
Error of the Compa	ass by Azimuth ⊙ observed at 4P.M., ship's head \$6 by \$.	19024'	91.
	ompass by Azimuth @ observed at 4000 , ship's head "	2°30 (o. variation used, 12°00'%.
Water expended du	ring the preceding 24 hours,	350	
Water	during the preceding 24 hours,		60
Water remaining or	n hand fit for use at Noon,	2450	**
Coal consumed dur	ing the preceding 24 hours,	/ tons 200	lbs.
Coal remaining on	hand at Noon,	163" 870	#

								1						
P. M.			1.1	2500	da 0 00	1.		1 2. 11		11~ .1~	1		1-	8
			67.6	96. by 9.	991 ly 04.		3	1/2 30.16				nou.		
- 2	4	6	72.2			3	3	1/2 30.16					10	
3	4	7	76.9	~		3	3	1/2 30.16	46 49	47 41	be.	cir stiel	9	**
4	3	2	80 /	~		2.3	3	1/2 30.15	-46 48	46 41	-		9	.,
5	3	3	83 4	*		2-3	0	1/2 30 09	46 46	45 41	*	cum. the	. 8	**
6	1	8	85.2	4-		3.2	0	0 30 08	46 46	44 41			7	,
7	0	8	86.0			2-1	٥	0 30.08	3 45 48	44 41	0.	J	1	0,
8	0	1	861	**		1	٥	0 30 08	46 45	44 41	b	now	10	4.
9	0	6	Harledin		-	0-1	3	1/2 30.10				1	10	5
			Acres		1	1	3	1/2 30.10	46 46	45 42			10	٠
				98		1	3	1/2 30.10	46 46	.45 42	bew.	cir strat	9	
Mid.	0	6	,	\$ 6. by 9.		- 1	3	1/2 30 10	46 46	45 42		,,	8	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Elean cold and damp fries how; clowly and threatening remainder of watch. This by the wind under top allow sails, enigh reefed topsails, course, jet, for topsaed etaysail, main trysail and spanker. Once backed under briles "A" and detalling. The clappy.

Oum 4 to 8 a. M.

W. B. aperton. URC Lienteward W. & R.

Gentle to moderate been from I. A.M. and I.M. Owners with passing nam above during quater your of watch, cleaning weather last how. Overdenate see. I on ahip between it. 35 and it so bringing by the wind on starband tack. Fail as in preseding watch, until 7.45 when above need not of for topical. Once banked under brief it. and dutilling.

R. Grank Lieuteward N. J. R.

Hazy housen blan Izetle to moderate breen from FO and FO by N. A4 9 30 mustered at Quarter. One misstered appendice as few northwest Al 8 30 chorts reef and of main topical. At 10 30 crossed week yards and set expals and then took no neef in the mainsuil & At end of watch ahip me her ensel Fo by I under all plans sail with single reef in manning. Banked frie under botter A. Dictilling Engineer Department sugaged in change, before Emperature of magazine & Fruent.

& Lewtewart U. F. W.

Clear and pleasant. Gentle brey from 9th by W. Baroneter steady Instructed the appendices of the witch in the lead of the running regging. Under all plain sail to regale with one net in managail, on course 96 by 9. (pc). Branked five we bole it raud dietelling Engineer Text engaged in cleaning blood by the boundaring Offin, the Paymaster was authority to seem cannot necessary and with the state of the boundaring Offin, the Paymaster was authority to seem cannot necessary initial of sall but to the appendice from this date. Roger Cielles Jr., Ensign W. F. R.

Partially cloudy and pleasant. Gentle brees from I & by & to calm. A si so took augle net in topsails furth gurle and end dan royal jude. Tighted a steamer heading to tree and Nathinand. At end of watch under jet for topmast stayned, foreail, semple refet topsails and manusal, topgallent will main topsail and eparker, on crues I.E. by I. Banked fire in botter A. Topped distilling at 6.00.

From 8 P. M. to Orid.

n. J. Coleman Ensign W. J. D.

Clear, cool and very damp. Eight air from Fot by & Corner FE by F. (p.c.) This by the waid no starboad tack, under topgallast airly suight refet typically forwait surght refet mainsail, jil for topmast stayail, main trysail and espaller took in main trysail at 10 o'clock. A large stamer passed close abraid under our stand, brund to the Ed rabol q P.M. Fire banked under but other t.

My aperton. Lieutewant U. & W.

Prom 8 a. m. to merid.

(1) 1 Dir. Getting up execus; 2nd Div: Small arms , 3 th Div. Prixels: 4 th Div. Prajed Fice Grant and Parde Div.

Chaquid Five Gene 9.86 to 10.30. (2) To relieve back draft in five room.

Herall Lieutenant QL & M.

Examined and found to be correct.

J. B. Me etter Lieutenaul & JOK. LOG of the UNITED STATES

of the UNITED STATES Thip Essex Thurd Rate, Making, passage from Previous R. S. to Charleston, FE.

			Reading	•	WIND.				BAROMETER	TEM	ERAT	URE.			Hear the.	Sea.
Hour.	Knots.	Tenths.	of Patent Lag.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Reight Ther. in inches. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
А. М.	25												٥			١.
1	0	6	Housedin	9. by 6. 146.	Ok. by F.	0-1	0	0	30.12 47	46	45	42	bew.	circum.	6	8
2	0	6		0.,	0	0-1	0	0	30.13 47	46	45	42	**		2	4
3	0	6				0-1	0	0	30.14 47	46	45	42	.,		4	1.
4	0	5		9.1/26.		0-1	0	0	30.14 47						4	4
5	0	5-		9.96	104.	1	0	0	30.00 47				b.c.	must.	1	١.
6	,	,		FE. L. F.	1.50	1	0	0	30.04 46					1	1	L
7	,	2	!	0 G. vy V.	NE. 6.	1	٥	0	30.04 45				41	cir. um.	4	l
8	_	6		. "	0	1,	0	0	30.04 45				44		4	١.
9		0	261		6. N.E.	1,1	0	0	30.0446					cer stat	6	١.
	1	0				1		1	30.0446				**		6	
10	-	5	86.4		NE.	1	0	0								1
11	0	5	-		N. 46.	1	0	0	30.04 46					aum street		Н
oon.	1	5	84.5			11	٥	0	30.04 48	44	46	43	**	*	3	1

35 6 Dietauce run by Patent Loy. Course and distance made good since preceding noon by observations, \$ 42 - & 45 knots. 40 ° 03' Latitude by D. R. 69 0 48' Longitude by D. R. Position at Noon: Latitude by observations of O 40000' Longitude by chronometer from Forenoon Observations of O 690 50' Position at 8 A. M. { Latitude by 3. Q. 40 007' Longitude by observation 69054' Position at 8 P. M. {Latitude by Elements from 4 P.M. Observation of Current during the time, 3/2, knots tenths per hour, setting to the J. 40 9. Parison of the Compass by Asimuth © observed at R.O.M., ship's head F.E. J. J. 39 039 69029 Deviation of the Compass by Azimuth O observed at & C. 9%, ship's head J. L. J. Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours,

during the preceding 24 hours,

0 48 %. variation used. 12 00 W. variation used, 350 gallons. 2100 tons /520 1bs. 162 " 1590 "

10°58' %.

tenths.

" N.

" W.

" N.

" N.

" 04.

" N. " 04

		1 .							1								
P. M.	1	0	88.5	98. by 9.	A. 11 E.	8	2	0	30.09	49	51	50	49	b.c.	cir.	8	9.
			91.3						30.10								
3	4	4	95.7	64					30 ./0						cir. etal.	9	. 1
4	2	0	96 4			3.4			30./0								
5	3	2	99.6	*					30./0						cum.	9	4
			4.7	**					30.11						um strak.		
			10.6	,,					30.12			- /			,"		
			15.6											b.c.l.			
	5		21.2		JU &.									b. b.w.	rine.	10	
	5-		26.8						30.09							10	
			319		48 by 6.	4	1.5	0	30.09	49	49	47	59	b.w.		10	4,
			36 2			4.3	1-5	0	30.09	49	48	HT	56	6.		10	4.
									/	. '		- '					

Water

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

Hurcell

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Gridnight to 4 a m Sight and from the by I and calme Partly Londy, with beau clear. Smooth was Turk in apackers at 12.10 and the manifeld at 3.50 By the wind in starland tack. Fixed backed under briler of.

Gen Recent 2, 9% Jum 4 to 8 a. Cr.

Cloudy to fair Eight and from N. to ViE by E. At 516 about use of topicale and at y 45 the wather clear Course of manual and at y 45 the wather clear Course of by P. at and at y 45 the wather clear Course of by P. at and at y 45 the wather clear Course of by Banked fuer under boiler A.

Leutenant V. 89. From 8 a. On. to Mend bloody but pleasant. Eight are from E No. to N. No. Baroneter strady. At 9 20 mustered at quarters. At 9.40 called all hands shorter and and bring ship a auction Dook in all earls all equar earl all 10.30 made earls to regale. At 10.57 secretal at man ordered hauled appeared if look picked up brog, histed book and filled away by 11.08. At each of weeks under all place earls to rough, with neefel manuscip, no

crue \$6. by 8. (p.c.) Banked five in Boiler A. Campentine of magazine 362 forward 382 aft.

Roge Welle J. .. Ensign & A. N. From Oriend. to 4 P. M. Changer of rate was made by order of Lonnanding Officer. The French of the Per Stephene from & 16. The following changes of rate was made by order of Lonnanding Officer. The French from Steman to wastermarks 3th chart with acting appointment as such from Ele 17. 1894; John F. Archolom from Shipwinght to laughtable of class, with acting appointment as such from Steman It class from Bish 18 1894. Easy to the from Steman to Kontessam Waster 2th class, with an acting appointment as such from Mach 3. 1894. It is the stated engaged in Steman to Restructed appointment of watch when he giver and from the same the lead. At 3.30 called all hands tack also stated in bear of giver and appointment and tacked chip ture. At and of watch engaged in tacking chip, under all plan each to ergale, Course

n. J. Coliman Ousign V. 8.W. From 4 to 8 J. 9/2. Clear and cord. Deutle to mortuate breyer from 4. No. Eightning to the It and It. last have of water Timelest tacking and working ship at 4.20 Pm. and recursed cover It. by I. (pc.) under all plane and copied and one region mausical ON 5.40 called all hands net topsails and end down copied yards. fromheld the working in 17 minutes. Passed a steamer standing to the Ital and Ital. Temperature of are water now 12 during the watch. Baronter using True backed under Biles I and exporting for alighe use.

Leitenent V. J. R. From 8 9 m. to Mid. Products to gentle berg from NE and NE by E Clear and cool, with heavy dew Lightmany to I'd and Ohl feet two hours. Bught etalight Clador foreact single wife togethe and manual, together and perfect together the sail of the together of the sail together of the sail together the sail of the sail together the sail of the sail together the sail of the sai

96 by 8. Banked fire in bole A

Jaitement & J. W. J. B. Milton Leutenant V. J. W

W/S aperton

of the UNITED STATES Phip Essen This Oraking passage from Occupant, R.D. to Charleston, S.C.

			Reading		WIND.				BAROME	CTER	TEM	PERAT	URE.			Sear tha.	S. Se
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wot Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
А. М.																	
1	50	3	40.5	96. by 9.	G. NE.	3	1-5-	0	30.14	49	48	46	54	bel.	cir.	9	9.
2	5	2	45.7	. 6		4	1-5	0	30.14	49	49	47	49	b.	none	10	11
3	5	1	50.8		NE. by 6.	4	1-5	0	30.14	49	49	47	46	4.	9 1	0	**
4	4	0	548		6.NE.	3.4	3	0	30.14	49	47	46	44	b.e	strat.	9	**
5	4	3	59.5		JE. by €.	3	4	0	30.14	50	47	46	59	"		8	
6	5	1	64.6		0	3.4	4		30.13					**	cum etras	69	
7	5	2	69.8	44	"	14	4		30.13							9	
8	5	0	74.8		4.	3.4	5-	0	30.14	51	49	48	52	4.	none	10	4.
9	5	6	80.4			3.4	5	14	30.18	49	49	48	50	/4		10	W.
10	5	3	85.7			4	5	1/4	30.18	49	49	47	50		-	10	
11	6	3	92.2		€. 1€.	4	6	1/4	30.19	50	60	48	54	**	*	10	
Noon.	6	2	982		6. by 1.	4	6	1/2	30.20	50	50	49	54			10	

111. 6 Distance run by Patent Log. Course and distance made good since preceding noon by observations, \$342 6. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. Longitude by Observation Position at 8 P. M. Latitude by D R. from now parties by Observation Longitude by Chimeter from 4 P. M. Observation O Current during the time, 3/ knots tenths per hour, setting to the 39 -6. Constant of the Compass by Azimuth O observed at 80. %, ship's head 96. ly 9. Deviation of the Compass by Azimuth O observed at 80 %, ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth O observed at Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon, ('oal consumed during the preceding 24 hours, 161 " 1430 " Coal remaining on hand at Noon,

/35 knots. 38 . 40 . 1. " 68 0 17 .04. " 38 · 09 · N. " 68011 94 " 38 ° 58 ' 1. " 68030194." 37041 N. " 67 032 04. " 10° 59' W. variation used, 10 00 9 35 6 variation used. 300 gallons. 500 2300 / tons / 60 lbs

986.3/46. 6. by N. 3.8 4.5 2.7 1/2 30.21 51 51 49 52 bec. 96.6,9 1/2 30.18 52 53 51 52 9.6 4-5-2-7 98 3/4 9. Rita 15.2 4.5-3-10 1/2 30.16 54 54 52 67 98:149 6.16. 19.2 4.53.10 1/2 30 14 57 56 54 71 7 . 98 28.1 4.5-3-10 3/4 30. 15 57 57 55 72 98.349 26.7 4.54-10 3/4 30.15 58 57 55 71 96. by 9 4 5-10 3/4 30.15 60 58 56 72 30-7 4 5.10 3/4 30 15 60 58 56 71 3 34 4 9 9.9.6 3/46 36.8 3.4 4-10 1/2 30.20 61 59 57 70. 8 2 4 A.96. 2 3 6. by N. 3 4-18 1/2 30.21 61 59 57 40 39 1 11 Ph. E. /26. East. 3 2.8 1/2 30.22 61 59 58 69 6 5 40.4 \$ 3/46. Mid. / / 2 2.8 12 30.20 62 60 58 69 41.8

Durcell

Ologer Weller J.

Guega W. J. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midwight to 4 a m. Elean Sentle to moderate brey from E. V.E. and N.E. by E. Lightning to Id. during frish how Conver IE. by I. all plain sail (everys main trypas) to toppallank sails over eligib refet typicals; anish ref in manusal. Bright starlight. Brye at whill all the water Experience of water ballion candless. falling rapidly.

Dum H to 8 4.9%. Lecuterant & . F. N. Elean and planeart. Gentle to moderate been from N.E. by E. Baronete steady. Cluder all plain rail to toppallant raile, with a single rest in manual and topsaile. Of 730 about selow who of topsaile On cours TE. by 9. (y c) Boys at what during witch Evaporating for shipe are Branked free under borles A.

From 8 a m. to mered.

Eurign V. J. W. Clear and pleasant. Gentle to mederate been from N. E. by 6. to E. by N. Org 30 mustered at Eucline and serviced at fix quarter From 10. 10 to 11. 10 had instruction for watch on deck in wheel had and log and lead of grew Of 8. 35 cer main tupail. At each of watch under all plain each to regels with main tupail scrapt me rest in the mainimit; on once IE by 8. Testa magazine stood each and draws and found them in working order Banked five we boile it Europeans for ships wer. Temperature of and water rueng Emperature of magazine 36° forward 38° aft. n. J. bolman

From Merid to 4 9 90

The temperature of an water can 15° between 2 and 30 clock and the are beaute rugh and choppy, chang that the Sulf Ftream had been entered Instructed the appendices of the watch from 100 to 250 On the forcattened at heaving the lead making same the for and main tymen at knotting and ephicing and the forcattened at knotting and replicing and the force the afterwards at heaving and marking the loss appendix at the what changed to 96 (p.c.). Terming full and by one fort tack under all plain sail to explor units and under all plain sail to explor units and under all plain sail to explor units and the manual at those in making trypail. It so to took in regards and such down toppellant yards.

Of 3.50 took two lengts up in the toppelle Extreme will of elights because 15° and to understand 5° return to the file to be and to understand 5° return to the control of the trypail of the toppelle gited 11: Drie banked under biler it Eraporating. Willaperlow,

Leitenant & & &. O'com is to 8 P. Mu Fall to medicate bery from 6 & 6 beau and pleasant. From chrining last home before an another transite and of watch . Passed through were patches of kulf well. They willing early Communication at the while . The banked under biles t. Evaporating. Bull and by my prot task . Task so at and of preading watch.

From 80 m. to mid

Geo. R. Create V. J. J. J.

Clear Light to moderate breen from Each to E. V.E. Choppy are first part. apprentices at the wheel. Dues bruked under briles A. Evaporating. Pull and by year tack. Concer 95 (p.c.) Fact came as greending

Examined and found to be correct.

Lentenant W. J. W.

Lintrach & & W.

UNITED STATES Phip Essex Third Rate, Chaking passage from Previous Q.S. to Charleston & C.

			Reading		WIND.				BAROMI		TEM		URE.			Slear the.	o Sea
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.																,	
1	43	2	42.9	9.146.	6. h 9.	2.3	0	1/2	30.19	62	60	57	68	b.c.l.	cum.	7	C.
2	1	5	48.9	9. ly 04.	હ.∳દ.	2-3	0	1/2	30.18	63	60	57	68	"		6	
3	1	0	445	996 by 9.	PE.	2	0	1/2	30.17	63	60	57	68	41	cur ani	4.4	.,
4	0	5	44.5	0		1-2	0		30.16					^.	steat	5	
5	2	0	44.6	9. by 04. 12 04.	E. ly F.	1-2	0		30.15					b.c.	4,	4	ď.
6	0	5-	44.6	P. by W		0 -1	٥		30.15					**	60	4	"
7	٥	5	44.6	First	East		٥		30.15					"	."	9	**
8	1	0	44.6	9.98	E. lyd.		0		30.18					••	ar.cum	.3	
9	,	4		96. by 9.	-		2-4		30.18					4,	strat.	3	d.
10	1	5	46.5	Touth			2-5		30.18					**	. 44	3	"
11	5	0	51.5	9.9%.	96. by 6.			./	30.20						Cer-cum	1	
Noon.	5	4	56.9			3	2-3-	. 12	30.22	-106	64	60	67	- "-		′	

67 1 Distance new by Patent Sog Course and distance made good since preceding noon by observations, \$ 4326. 95 knots. tenths. 37 º 12' A. " Latitude by D. R. 67 0 32 194. " Longitude by D. R. Position at Noon: 37 001 1. " 66 050 124. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D.R. from Nome Longitude by Observation 37 º 14' N." 66 0 47 94 " Position at 8 P. M. Latitude by D. R. furn Asm

Longitude by Churcometer furn afternow observation

Current during the time, 35 knots tenths position, setting to the Type & 36 º 28' N." 660 60 %." Therefore the Compass by Azimuth O observed at 80, %, ship's head 9.96. 26. 11º 23 W. Deviation of the Compass by Azimuth © observed at \$0,90, ship's head for the Compass by Azimuth © observed at \$10.90, ship's head \$1/2.00. 1-17 6. variation used, /2 00 %. 11 00 %. " 0 20 6. , ship's head variation used, 12,000 '%. Deviation of the Compass by Azimuth @ observed at Water expended during the preceding 24 hours, 300 gallons. during the preceding 24 hours, Water distilled 700 Water remaining on hand fit for use at Noon, 2700 tons 2080 lbs Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 160 " 1590 "

P. M.															
1	5	5	62.4	9.994.	86. ly 6.	4	2.7	1 30 226	5-64	61	68	b.c.	cum.	4	9.
2	5	1	67.5	14		3-4	2.7	1/2 30.21 6	5-64	61	68	4	**	6	
3	4	7	72.2	9. by 04. 12. 04.		3	2-6	12 30.21 6	5-65	61	69		Cir cum.	6	
4	4	8	770	\$103/404.	6.96.	3	2-6	1/2 30.22 6	5 65	61	68		Cir cura.	6	19.
			81.9	Pouth	6. by 9.	4	2.7	1/2 30.226	4 65	60	68		cum strat.	4	-
			85.6	9 by E.	East	4	2.7	1/2 30.22 6	4 64	59	68	*	4	5-	
7	2	4	88.0	8 hg 8. 3/4 6.	E. by N.			1/2 30.23 6				41	**	4	6
8	2	0	90.0	4.98		3.4	1-6	1/2 30 21 6	4 63	59	68	"		8	٠.
9	2	5	92.5	9 48/18		4	2.8	1/2 30.22 6	5 63	59	68	.,	cir eura	8"	10
10	3	4	959		**	4	2.6	1/2 30.22 6	5 63	59	68	"	41	8	
11	4	3	99.3		44			1/2 30.22 6						8	. 3
Mid.	2	7	102.6	9.6. by 9.	6.116.			12 30.23 6						9	*1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to it a 9M.

Clindy but pleasant, lighting in 99 horison Isevile breeze to light air from 6 by 9 to 46. Bavoneter falling Ander Amble respect to peacle, foreast, respect maintail, jit for topmast stainal and eparter in fort tack steining course from 9.46. to 99 by 9. last two hour Englishment of a bujuruse. Barked fuer in both 4.

Dem 4 to 8 a. M. Energy Queller Je & M. during first how. Balow to light been from E. by 9. to 6 by 4. at 6 30 about nefer with of topsails. At such of watch under jet, for topwark starpaid, forest, engle refer manusal, tiperails and aparter, heading 9.96, clar hauled on port tack. Evaporating for ships were Banked fuel in both 4.

Drom 5 a. CM. to Phenody and pleasant weather Light airs to gentle breeze from 6. by N. hauling to 86. by 6. benney 56 (p. o). streng full and by m the port tack. At \$ 30 erest up top gallant and und east top gallant and made in the port tack. It \$ 30 erest up top gallant and under under the properties and flying git; fruiting at 9.10 at 10 und to quartely. That boy an injection and mit cothing requestions: fruited I 11.10 a. M. Long cull from Old, and Ed. This solling raichy. No Parishan between me account of cloudy wrather. These lanked under brile it. Experiences . Emperature of magrinis 41 forward 44 th.

From Presid to 490n.

Onoderate to goodle buy from 96 by 6. and 6. 96. Frair and pleasant Fourth are.

Full and by an the post tack That all plain sail to engal, except suiglo seef in mainsail.

Out watch be appendices verbauling cirthing appendices at the wheal Free banked under border

A. Engporating.

French to 89h.

Jewith to moderate breeze from 6. by 8. to 6. by N. Chav. Emorth sear Field and by bound 96. (pc) At 5.30 into both intelled on the took in and fulled royal and togallant salls. Rauled down figured it, took two single refs in tograils and rent down loyal yards by 5.48. At 50 as all main tryail. It was of watch index jet, for tograils and rent down loyal yards by 5.48. At 50 as all main tryail. It was of watch index jet, for tograils and rent down loyal yards by 5.48. At 50 aparter and course with single ref in manual. Apprehens at the wheel. Fire banked under both A. Evaporating.

Hencell.

From 8 P. On. to Orid.

Leav and pleasant Producte Breen from 3. by N. to 6. No. 1Baurete riving Plader dribb needed topsails formail respectively jet, for topmest staypail, man trypail rand afaither on port tack making ance 9.96. Is 6. field these hour and 98. by 8. last how of watel Prom set at almost 9.30. at 8.10 stopped evaporating and almost five to die mit in biles A.

Roger Weller Jr. Eurign W. J. M.

n. S. Coleman

W. Maperton

Examined and found to be correct.

J. B. Mo illon S. OK. Navigator.

			Reading		WIND.				BAROMI	ETER	TEM	PERAT	TURE.	State of	Forme of	Clear foths.	Sea.
flour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Alr, Wet Bulb.	Water at	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8ky, in [State of the
А. М.	46	0															
			4.3	96. by 9.	6.NE.	4	2.7	1/4	30.24	4 63	62	58	69	b.c.	cum stral	.9	&
			5.5	. "	44	3	2-7	./4	30.25	- 63	62	59	68	- "		8	29
			7.2	9.96.126		13	2-9	1/4	30.26	63	62	59	68		~	8	
			9.1		**	3	2-9	14	30.27	63	62	59	68	**		7	1
2.4	2	3	11.4	98 ly 9	**	3	3	3/4	30.24	63	62	58	68		-	24	L
			14.4	",					30.23					*	cit. accom	4	
			17.6	9.96.126.	E. by N.	3	3	3/4	30.23	68	62	28	68			4	-
			21.7		٠,	3	4	3/4	30.25	63	62	59	68	~	-		
			25.9	9/2 &	6. ly 9	3-4	0-11	1/2	30.23	-65	64	60	70	- "	cum.	9	8
10	3	9	29.8	9/404.		3.4	0-11	1/2	30.30	67	65	60	70	60		8	! -
			33.6	9/294	6.96.	3	0-/0	1/2	30.33	67	66	61	69	-		9	1.
Noon.	4	0	37.6	93/47k.		13	0-10	1/2	30 30	66	67	64	69			9	

83. 2 Dista	uce rew by Patent Log			
	e made good since preceding noon	by observations, \$12.2 6.	//4 knots. tenths.	
	Latitude by D. R.		35- 044' N. "	
	Longitude by D. R.		66 025 94."	
Position at Noon:	Latitude by observations of O		35 009' A."	
	Longitude by chronometer from	Forenoon Observations of ⊙	66019'84."	
	Latitude by D. R. from	Nom	35 ° 20' N."	
Position at 8 A. M.	Latitude by D. R. from . Longitude by observation	0	66 0 20 1 94. "	
	Latitude by D.R. fund A	from afternow observate per hour, setting to the \$ 122	34 053 N. "	
Position at 8 P. M.	Longitude by Chunometer.	from afternoon observate	nio 66º 19 94. "	
Current during the	time, 35 knots tenths	per hour, setting to the \$ /2.2	රි.	
Recor of the Compa	ss by Azimuth O observed at 80	L. Mr., ship's head Furth	10° 00 ° 94.	
Deviation of the Co	mpass by Azimuth @ observed at	8 a 9w , ship's head	1 28 04. var	riation used. 9 00 '8.
Error of the Compa	ss by Azimuth O observed at	, ship's head		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	Ö ' var	iation used, o
Water expended du	ring the preceding 24 hours,		300 gallons.	
Water distill	during the precedi	ng 24 hours,	400 "	
Water remaining or	hand fit for use at Noon,		2800 "	
Coal consumed duri	ng the preceding 24 hours,		tons /040 lbs.	
Coal remaining on 1	and at Noon,		165. 50 "	

P. M.													
	3	7	41.3	98/404.	6.96.	3-4 2-10	12 30 30 66	66 63	70	b.c.	cis.cum.	8	T.
2	4	1	45.4			3-4 2-10	1/2 30.30 66	66 68	70			8	
3	2	0	47.4	9/2 6.	6. by 8.	2.8 2-10	1/2 30.30 66	69 64	70	10	atiet.	8	
4	1	4	48.8			1-2 5-11	1/2 30.30 66	69 64	71	٠.	A74 *******	5	5
5	2	٥	Healed is	9.94.	98. ly 8.	2 0-12	0/430.28 67	68 64	71		oir in.	4	
6	1	0		1+	0	1-2 0-10	3/4 30.28 67	68 63	71		um auch		
7	. 0	8		**			3/430.29 67			14	cur.	6	}
8	0	8	•	4.			3/430.2867			4+			
			L	904.49.	3 6.		12 30 28 66			64	-		
10	1	2		f. Fa. 9. 8.	4.	2.3 0	1/2 30.28 66				am stal		
11	1	0	-	,,		2.8 0	1/2 30.24 65			40			
Mid.	0	8				1-2 0	1/2 30.27 65	65-61	70			7	-
												1	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Phidnight to 4 a. M. Fartially cloudy and pleasant bright starlight I with to moderate breeze from E. N.E. Barontterning alonly. At end of watch ready jet, for topoment starpail, foresail, single refed medically double refed toposile, main tripoil and aparties close having in jord tack brading 9. 9 E. 1. E. Briese 9E. Phip willing convisionly to moderate and from Easterned. Pradmin with 10° to leavand.

Promu 4 to 8 a. Mr. Every Distribute to gentle brew from E. No. harling to E by A. Ling will from No. Externer will of align to undersaid 32 and to lemand 11. Commer 46. Gpc) Felling full and by m port tack. At 5.0 turned the rue of soit of the topsails covered royal garde, turned the ref wh of manual and made all place init of year.

The Aprilon.

The Aprilon Sunto Precio .

The Aprilon Sunto Precio .

The Aprilon Sunto Precio .

The Aprilon .

Drew Previol to 4 9 M. Sixtrant Cl. F. R. Sixtrant Cl. F. Sixt

Roger Chelles, Is.

From 8 P. M. to Mid.

Checky and phracant. Bught stackight. Gentle breeze to light aire from 96. Them
est at 10. 20. This willing beauty to mederate dwel from East; maximum will 1/2 stackmed and 122 port.

Of 9° cless at spanker and main tryinib. At end, of watch under it double respect tryinib, main tryinil
and spanker; class houled in first track, beading 4.9. V. Is N. Comin 95.

N. D. Colsman

J. B. Moilton, Navigator, Sectorary W. S. Ok.

Energy U. In

of the United States Thip Essex Third Rute, Making passage from Prewjert, R.D. to Charleston F.C.

			Reading		WIND.				BAROME	TER.	TEME	ERAT	TURE.	State of	Forms of	Clear 10ths.	808
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop. of Sky, in 1	State of the
L. M.	19							.,									
1	1	0	Hauldin	991.3/4 84.	F. 8 E.	2	2-5	3/4	30.27	65	64	61	70	b.c.	air steed.	9	a
2	1	0		991.424.	**	2	2-6	3/4	30.26	65-	64	61	70	**	4	9	"
3	1	0		,		1-2	2.7	3/4	3026	65	-64	61	70		-	9	
4	0	6			**	1	2-7	3/4	30.26	65	64	61	70	**		9	Į,
5	0	5		01.991.1201.	Court	1	0-7	3/4	30.25	63	63	60	70		cir-enan	8	100
6	1	0		91.99	9 by 6.				30.25					**		8	1
7	1	5	48.9	01.991.1201.					30.25					*	-	8	-
8	1	7	51.0	& N. 8.	Final.	3	0.4	1/4	30.26	66	66-	62	70			7	1
9	4	6	57.7	.0	- **		0-5		30.26					41	11	8	ı
10	3	8	61.5			3-4	0-5	1/4	30.22	67	68	64	70		4,	7	ı
11			Ta	ching Thip		3.4			30.18					1		8	1
oon.	3	4	64.9	6. h 9.		3-4	0-5	14	30.18	68	68	64	70			8	

41. 8 Distance new by Patent log.

Course and distance made good since preceding noon by observations, \$160 %.

Latitude by D. R. Longitude by D. R.

Position at Noon:

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. form Intersection of 2 lines | Longitude by Observation 0

Position at 8 P. M. { Longitude by & le furni Norm Observation of 66 01 96."

Position at 8 P. M. { Longitude by Churameter from afterware observation o 66 01 96."

Current during the time, 12 knots tenths per-hour, setting to the \$\sqrt{86}^2\mathbb{N}\$.

Therefor of the Compass by Azimuth © observed at \$\extit{80.96}\$, ship's head \$\extit{6}\$. by \$\extit{9}\$.

Deviation of the Compass by Azimuth O observed at 82.92., ship's head See or of the Compass by Azimuth O observed at 40.9%., ship's head 9.5926 Deviation of the Compass by Azimuth O observed at 40%., ship's head

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

26 knots.

84 044 · N. " 66012,04. "

34 045. N."

66 027 .04. "

34 046 . 4. "

66 044 . 84. "

6019.84. 6.10.6. variation used, 8 000 9.

7 42 96. "

3 00 6. variation used, 8000 %.

370 gallons.

2430

tons 600 lbs

159 - 2150 -

Р. М.						1		1 1								
	4	7	69.6	€9€12€	South	14	1-6	1/2 30.16	68	69	64	70	l.c.	cir. eum	7	9.
			76.0	98. GE:126.	9. by 04.			1/2 30.14 (*		
3	5	5	80.5	96. ly E	F. G. W.	T	1-6	1/2 30.11	67	67	63	68			7	
4	4	7	85.2		6.	4	1-6	1/2 30.09	67	67	63	66	**	cum.	9	
5	5	8	90.1			4	1-6	14 30.09	67	66	62	66				
6	4	/	94.2	98. ly & 148		14	1-6	14 30.09	67	66	62	66		-	8	1.
7	3	0	97.2		**	4	2.7	1430.09	67	64	62	66	**		8	
8	3	0	100.2	".		4	26	1/2 30.09	64	64	62	66	*	6.	8	
9	3	8	4.0	96. ly 6.	**	4	6	1/230.08	66	64	62	68		cir.cum.	٢	М.
10	3	9	7.9		41	4	7	1/2 30.07 6	66	64	62	68	4	Cum.	3	
11	3	4	11.4	e				12 30.06 6								
Mid.	4	1	14.5		*	4	4-8	1/2 30.05 6	66	65	63	68		**	3	111

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M.

blear cool and pleasant Light air and beeze from FE by F. Conce FE (gev.) Fleering fell and by under Ander Sefet topsails, jet, main typail and epaulen. This wiling early to long kirls from Fd and Ed.

From 4 to 8 a On

Willaperton Lieutewant U. S. OK.

Sight aris to quite beeze from I. So. to South Dair and pleasant. Smooth sea. Between 6 30 and 9.10 shook reife met of topsails covered royal yards and made all plane and to engle everythow reif in mamerial. Now ship letures 7.24 and 7.40 and brought ship by the unid on stailvard task. Appentices at the wheel.

From 8 a. On to Merid

Gen Rose Lieutenant W. J. N.

I suite to moderate breye from Suth blear Franch sea. As 9.30 mustered at quarters for inspection and muster. As 9.45 "all hands and executed entitle 1.15 cus taking and brokening. Tacked their time and failed their times; water officers in charge of diek in time; bast violation brokening. Bower 46. As end of natch ruder all plans and to royale, everyt main trypic and enight up to the boat at the wheel legist and ingle ref in manusail appendicion at the wheel legist and for life boat at 9.45 harded in Paties by boat at 11.15 put is our again 1.15 known regesting. At 8.40 sighted a back standing to Eastward having p.c. It It. Europealure of magazine 55 frame, 56 aft.

From Merid to 4 4. cm.

Securally chan, warm and pleasant. Thodesate brees from Into 5 99. Barometer falling. This watch turked in dicty and received chan lago from 1.5 to 2.15; had generally chan its subject from 3.30 to 4.00; the third watch had institution in early and space from 1.15 to 2.15; and generally from 3.30 to 4.00; the third watch had institution in early and space from 1.15 to 2.15; and generally from 2.30 to 4.00; the second claim ones from 1.50 to 2.30. This is and turned in dicty bage receiving claim ones from 1.50 to 2.30. This industry to the second claim ones from 1.50 to 2.30. This industry all places said to enjet everyle as employees and received claim ones from 1.50 to 2.30. This industry all places said to enjet everyle as employees in manually class bould on that made tack until 2.00 when the cause to her concert FE. by E. (p.c.).

Orum 4 to 8 4.90.

Roger Welles In.

Elmody and pleasant. Moderate breeze from \$ 9.0. At 5.45 fulled light sails, neet down wysel yards and shulle refer topical. At 6.65 est main trysail, at end of watch under jit, for topical starpails arigh welfed marrial, forcial, doubte refer topicals, main trysail and spanker, heading \$6.6, by 6.14 6. Loner \$6.6, E. Dumped in below.

M. S. Lood runard Energy W. S. Mod runard Cheering water remainder of watch . Moderate breyo from S. S. W. Ship on her cours & C. by E. Cyc) under same soil as in latter pure of previous watch. moderate swell from Id. and Vis. Thom ask at 11-30. apprentices at the wheel steering ship.

Examined and cound to be correct.

L'entensul U.S.W.

J. B. Mo Iton Narigator. Sientemanh (U. S. R.

LOG of the UNITED STATES Thip Esser Phuid Rate, Making passage from Chewport, R.D. to Charleston S.C.

				0 0	<u></u>										,		
			Reading		WIND.				BAROME	ETER.	TEMI	ERA	TURE.	State of	Forms of	f Clear 10ths.	e Sea
Honr.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of the Se
A. M.		5		2126	F. P. W.	4	0.5-	./,	30.00	11	11	1 ~	10	2.	our.		. 4
1	3	7	18.2	96. ly 6.	5.90	4	-	,						0.0,20	Door . accord	2	450.
2	3	4	21.6	"	**		0-5		29.98					, "		7	"
3	5	0	26.6						29.97						-"-	~	"
4	5	4	32.0		"	1	2-8		29.94					j.c.		1	
5	5	7	37.7		*1		2.7		29.94					Jr.C.	CUT .Cum		-
6	4	6	42.3				2-6		29.94						1 :	7	1.
7	5	8	48.1		**		0-7		29.94					-	sumit	5	
8	6	2	54.3	•	a-i: - a			12	29.95	-65-	65	64	66		das	4	
9	6	6	60.9	.".	9 %. ly 9.		3-10		2995							6	M.
10	5	0	65.9	96.	0	6	3-/0		29.95					**		8	"
11	5	9	70.8						29.95					"		8	-
Noon.	5	0	75.8			6	3-10	3/4	29.95	168	68	66	68			8	1.

113.8 Distance nun by Patent Sog. Course and distance made good since preceding noon by observations, 969.6 /// knots. 38 050 . 4. " (Latitude by D. R. 64.37.84. " Position at Noon: Latitude by D. R. Latitude by observations of \odot 34005.1.11 64023.06. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. form Norm | Longitude by Observation O 34016.14.11 64 0 50 . 24. " Position at 8 P. M. {Latitude by D. W. Jum Som

Longitude by D. W. Jum Som 33 051 . 1 " 63 058 , 96 . " tenths per hour, setting to the & 37 2 6. Current during the time, 19 knots , ship's head Error of the Compass by Azimuth @ observed at Deviation of the Compass by Azimuth O observed at , ship's head , ship's head Error of the Compass by Azimuth O observed at variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head 390 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water 2040 Water remaining on hand fit for use at Noon, tons Coal consumed during the preceding 24 hours, 159 - 2150 Coal remaining on hand at Noon,

									1	t	1-			1			
P. M.	6	2	82 .0	96 hy 6	FU.	5-6	5-8	1/4	29.93	67	68	66	68	b.c.	circum.	8	n
				1													
3	1	0	88.9 90.5 Janet w	96.	*	6.7	5.8	11/2	29.91	67	68	66	68	.,	cum.	4	.,
			"	96. ly 9.	It by W.									0.0.9.6.0			
5	0	8		9. ly & 1/2 E.		6-8	0	6	29.89	67	68	65	68	0.c.g.r.	mint.	0	
6	1	0		£. ₹6.	*1	6-8	0	6	29.88	65	63	64	68	"	4,	0	
7	1	0				6.2	0	3	29.91	6z	62	61	68			٥	4
8	0	8		901.	N 64	2.3	0	6	29.93	64	63	61	68	b.c. q. N.		1	4
				901/201	JU Ol. Ly N.									le.			
				For by U.	,, 0	3	20.22	6	29.94	64	68	61	68	b.o.p.l.	um.	5-	4
			.)	/		3	20.22	6	29.94	64	68	61	68	"		7	**
Mid.						3	20.22	6	29.94	64	63	61	68	b.c.p.		7	n

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Oudnight to 4 a. M.
Ourdenate to stiff breeze from F. I II. I aw and pleasant Moderate sea. Herary dew. Close hauled on starboard tack, under jut, for topmast staymout, man trypail, apartless, foreigh, single neefed manifely neefed topsails apprentices at the wheel.

From 4 to 8 a. On

Registerant Q. J. W. Fiff to freek breeze from 9.99. Clear. Overduate sea from 9.98. Clas hauled on stanbard tack. A 5.10 clock who net out of topicals. At end of watch under all plane sail to single reflect topicals, with single net in mainsail. Emily 96. by 6. (pc) At dawn eightle a stidmer ahead, steering North, with blue amobe stack and black top appentices at the wheel. Sauced patcher of sea wird.

Orm 8 a. In. to Merid

" Luitenant QL. F. W.

Severally clear Greek breeze from F.M. by I Barmeter strady. Photos plane sail to evigle reflect tograde, with a ref in manual; concer of by 6 (pc) to 900 their changed to I 6 (pc) at 930 mustred at quarters, after which had divisored, at better such produced in to 1030. From 10. to 1140 the third watch had continued in sail and exper and the first watch in madicipation examanship, sailmaking and eignale. appurture under instruction at wheel. Passed patcher of sea und. Compensatures of magazines to forward 60 = aft.

Kogn Wellig for Energy Q. 8 h.

Concern to 4 %.

Concer From Mend to 4 P. M. &

From 4 to 8 4.9%

M. S. Coleman . S. S. S. S.

Overeach, cloudy, equally and rainy; cleaning last how. Fresh beezes to moderate gale from I I. h.y N., decreasing to high to Einthe beezes from Not back how. Very brew agnally during watch brush IE (pc) This lying to under ease sail at such of previous nation and main tupsail, rolling hearily but saily and spitching duppy at times. Extreme roll to undurate 15° and to beside 25° appendix at the while thering ahip. Plumped out alip. It main tupsail at 6.50. W. Kaperton.

Orom 8 G. M. to Mid

Tientenant W. J. M.

Light to gutto been from No W. by N. blearing wrother with passing rain above. Lightning to Id. Bright montiagh. Long rolling sea, from No morder string towards and of watch. Lying to under same and as in presiding worth. This willing deeply lot early. Pracument roll to beared 27°; to windowed 20°. appendices at whel.

Examined and found to be correct,

Chark beach, Lunterant W. S. M.

J. B. Me ilten Navigator.

95.7

98.7

2.7 0

6.7

12.5

OG of the United States Ship Essex Making paisage from Newport, R. J. to Charliston S. C. Direction by Standard Compass. 6 29.96 63 62 60 67 b.c. 40 4 12-12 6 29.96 63 62 60 67 7 6 4 10-10 6 29.98 63 62 59 67 4 10-12 6 29.99 63 62 59 67 4 4-10 6 29.98 63 62 58 67 3-45-10 6 30.00 63 62 56 66 1 21 ly 21. 3 57 0 30.0162 61 56 66 92.5 3 5-8 0 30.04 63 62 57 65

2-3 5.7 12 30.06 63 61 58 65

3 4-5 1430.07 64 63 58 65

3.4 4-8 1430.08 65 65 59 65

4.5 /430.06 63 62 57 66-

	The second secon
48. 7 Dietance new by Patent Log.	
Course and distance made good since preceding noon by observations, 9.542 6.	36 knots. tenths.
(Latitude by D. R.	33 · 39 · N."
Longitude by D. R.	63 0 33 . 04. "
Position at Noon: Latitude by observations of ⊙	33 0 44 1 N. "
Longitude by chronometer from Forenoon Observations of O	63 0 48, 94. "
Position at 8 A. M. {Latitude by D. U. from Chom/ Longitude by Ordervation O	33 059 W."
Position at 8 A. M. Longitude by Observation O	64 0 08 , 84 "
(Latitude by D. R. from Now	38 0 11 1 N. 11
Position at 8 P. M. { Latitude by D. R. from Son Stewart observation 0 (Longitude by Chemometer from efterm observation 0	63 007, 91.11
Current during the time, 13 knots tenths per hour, setting to the 1 68 9.	
Error of the Compass by Azimuth O observed at 40%, ship's head \$30.566.	8° 53 ' 9 \$.
Deviation of the Compass by Azimuth O observed at 4094 , ship's head	1007 6. variation used, 9000 21.
Error of the Compass by Azimuth O observed at , ship's head	, i ii
Deviation of the Compass by Azimuth ⊕ observed at , ship's head	o ' variation used, o '
Water expended during the preceding 24 hours,	3 & 0 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1660 "
Coal consumed during the preceding 24 hours,	tons 640 lbs.
Coal semaining on hand at Noon	159 - 1510 -

D. M							1	11	113		
P. M.	6	2	19.2	96. by 9.	FW.	3-4 2-5	1/2 30.12	65-66-60	65 fc.	circum. g	ou.
			25.5	., 0				65-65-60		cir state q	
			32.0			4.5- 2.6	1/2 30.13	65-65-60	66 .	. 9	
4	7	1	39.1			4-5- 2-6	1/2 30.13	65 65 60	66 .	. 9	
5	7	4	39.1	*		4.6-4-8	1/2 30.13	65 65 60	64	6	
6	7	1	53.6			4-5-8	1/2 30.14	65-64 60	64	cir.cum, 5	
			59.9		For you	5- 3.6	1/2 30.14	65- 64 60	64	, 6	
8	6	0	65.9			5 3.6	1/2 30.14	65 64 60	64	. 9	1
9	5	6	71.5	10	,,	4-5-6	1/2 30.13	65-64 61	64 b.	www. 10)
			77.4			456	1/2 30.13	65- 65- 62	64	10	
			83.7	.,	-	57	1/2 30.12	65-65-62	64 t.c.	circutat 9	
			89.7			5- 7		65-65-62		. 9	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

"Moderate breze from N & by b. Clear. Moderate rea from Wed. "Lying to" under for storm stayeail, main trysail, atom muzzen and close reefed main topsail. Their rolling early appearable at the wheel.

In Leutenant Qu. S. M. From 4 to 8 a. M. Sewally clear and pleacant. Products breen from & & B avonets vering Lyng to under for stome stomail main tupail, stome major and clar refer main typical with 6.15 when trush refer wh of topicals and set jit for topicals storgail, topicals, topicals acids and at 6 to act once & E. by S. ypc.). appendices under instruction at wheel during watch having patches of sea used.

From 8 a. On to Merid.

Kogu Welles. h. En Gusign V. S. On

Roduate sea firm 904. At 9.30 apread into atom acid to dry and sent below the storm might and for stown stormal at 10.30 At 9.30 musticed at quartell and stored away of skine after which called all haude ref sail and sincular boys in refing and passing reef sainings until 10.30. At 10.30 made all sails to royal, sending aloff eyel raids. Time 10.50 to 11.45 had instruction as fellowing what raids and species 22 until 10.30 mailed find on 10.50 to 11.45 had instruction as fellowing watch, sails and species 22 untils, mailed field sail and sails. The point was cut short 5 mounts by all haude dull at sails. Tempiratur of malgagnise 5 forward 63 aft. At each of watch under all place sails to royals and main typical, except single reef in maintail, or cause 45 by 9.

From Grend to 4 4 9k.

The Thip on his course 96 by F. (pc) ends all plains said to royale. Of p no. And in his to 1.15 to 2.15 the Flying jit. The appointein the instructed as follows during the watch: 3th period from 1.15 to 2.15 the 2th watch said said and space and the 3th bottle had midilityphe seamenship, eccity and space and the 3th bottle had midilityphe seamenship, eccitymaking and signals: 4th priod from 2.30 to 3.15 the 2th and 3th bottle had mining instruction; the 5th spaces from 3.80 to 40 clock, the 2th watch had instruction in below lead and by hud the 5th which had expensively of 1th watch had been structed in the wheel streeting alies. Inhab miggor other stappaid and atmed it blan. Frank in clothing and anally that which there. and small store W. D. Caperton

Thoderate to stiff been from Feb. and Feb. by H. Fair and pleasant. Bright monlight last low. at 5.45 fulled toppallant wall and took time single reifs in the toppalle. Appendice at the whel.

General W. J. M.

From 8 P. M. to Paid.
Observed to stiff bear from IN. by W. Clear. Ovoderate are from Wood. Conver I E. by S. all
plane sail to dulke neefed topsaile with single neef in maurical. Appendice at the whal.

Examined and found to be correct.

Shincell Leutenant U. & R

J. B. Mo ilton, Navigator.

			Reading		WIND.				BAROMI	TER	TEM	PERAT	TURE.			C Clear 10ths.	o Ros.
Hour.	Kunte	Touthe.	of Patent, Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Pures.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Att, Dry Halls,	Air, Wet	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the
A. M.		6	963	96. by 9.	99 by 94.	11000	2-5		30.12						cis etial	49	M.
2	6	4	1027	- 0	91.9°91.		2-7		30.12							9	".
3	6	8	9.5				3-10		30.12						~	9	-
4	7	2	167		West.	6	5-10		30.12						-	9	
			217	_		5.6	8.3	0	30.12	68	66	64	68	-	eum.	5	**
			27.4		**	5.6	58	0	30.14	68	66	64	68			4	٠,
		1	12.9		-	4-5	59	0	30.16	66	66	64	68			ð	~
8		3	38.2		-	4-6	5-10		30.18					Ac. 91.	cur wind	41	٠.
	40		42.8	Just.	Jr. Ch.	4	5-10		30-20						er au		92.5
10		9					3-6		30.22						eir . www.		
11			53.0				3-5		30.24							9	
			564				2.4		30.25							9	٠.

_	143 4 Dieta	uce run by Patent Log.	
	Course and distance	e made good since preceding noon by observations, 94126.	162, knots. tenths.
		(Latitude by D. R.	32 002 11. "
		Longitude by D. R.	61 0 59 184. "
	Position at Noon:	Latitude by observations of Θ	31 042. N. "
		Longitude by chronometer from Porenoon Observations of O	61 0 43 94. "
		Latitude by D.R. from Joon Longitude by observation o	32 020 . St. "
	Position at 8 A. M.	Longitude by obscuation 0	61 0 47 : 96 " 31 000 : N. "
	n	Latitude by F. R. from Now Longitude by Shummeter from afternow observation 0	
	Position at 8 P. M.	Longitude by Chimmeter fum afternow observation O	61 0 38 94. =
	Current during the	time, 20 knots tenths per hour, setting to the \$34 6.	
	Error of the Comp	ass by Azimuth ⊙ observed at 4 P.%, ship's head \$4.9%.	9 - 37 - 94.
	Deviation of the C	ompass by Azimuth @ observed at 40.91, ship's head	0 48 6. variation used, 10 00 %.
	Error of the Comp	ass by Azimuth € observed at , ship's head	н
	Deviation of the C	ompass by Azimuth © observed at . ship's head	variation used, o
	Water expended do	ring the preceding 24 hours,	380 gallons.
	Water	during the preceding 24 hours,	•
	Water remaining o	n hand fit for use at Noon,	1280 -
	Coal consumed dur	ing the preceding 24 hours,	tons /2 00 Ibs.
	Coal compinent on	hand at Youn	159 - 310 -

									1						
P. M.				A 10	1.01	1.			/	1111	1. 1.	0	tum.	,L	-
1	5	3	61.7	Forth	J. 04.	9	4.5	0	30.26	6666	62 69	10.0	Ciq. eum	7	de,
2	4	7	66-4		J. 94. ly 94.					68 67				6	**
3	4	6	710	A		3	4-5	0	30.27	68 69	621 69	de		9	-
4	4	0	750			3-2	4-5-	0	30.29	68 69	64 69	~	w.	9	~
- 5	4	7	79.3	da	A by 24.	3-4	57	0	30.29	66 67	62 69	4	un dat		
6	3	2	81 5		4 401	3	5.7	0	30 29	66 66	61 69	~	**	9	60
7	2	5	850		,	3	5.9	0	30.29	66 65	61 69	*	41	7	
			87.5		-	2-3	5.9	0	30.29	66 66	61 69			9	4
9	2	9	904							65 64			Cir sum.	9	*4
10	3 .	1	93.3		-	2-3	0	0	30.34	6 - 64	61 69		4	9	"
11	3	4	98.7	,	,.	2.3	0	٥	30.34	65-64	61 69	**	1 - 1	9	4.
Mid.	1	5	97.3			2.3	0	0	30 35	65 64	61 69			9	~

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On. bleav and pleasant. Fresh breeze from IV. by V. to West. Baroneter steady. Under all plane sail to dubbe refet topsaile, on course FE. by I (p.c.) apprentices under instruction at while.

Oum 4 to 8 a. m.

Koga Weller Gusign V. J. D.

blody and threatuning, equally appearance at time. Barmete neing . Protecte to feel breve from thest. At 40 clock brailed up spacker. At 60 clock shook reefs and of topsails and at 70 level set topgallant early. Fork in tipgallant early to light aquall at 4.50. Industrate from the thing and pitching contiduably. At end of notes under for topmach staynach, jet, foresail, sugle respect manual, topsails and main topsail, on course & by .

Jum 8 a. On. to Okerid.

n. J. Colman Loc Energy Q. J. W.

Cleaning and glearant wrother. The derate to gentle been from No. 10 + 855 changed comes from 96 by Fly is Faith (p.c.). This under came sail as a rule of premise with every main tripial, which was taken in at 8:0. At 9 38 mustud at Guarter. The apprentice were instructed as filmed during the watch: Frish years, from 9.45 with 10:30, the 2 and watch had pittely and the 3 anatch infantry. French prior from 10.45 watch 11:30 the 2 anatch had infantry and the 3 watch had pittely The Wall watch were also were also were the other property. I have and the whole stemming this Esterner roll of chip to unidered 28° and to learned 21° Longand moderate will from No. 30 and No. It the clock also be minuted to 30 we do from 10 and 10 we want to the course of th deal of sea such during watch . Designature of magazines 63? forward, 65° aft. W. Caperton

Leuteward W. J. W.

Suttle to light breen from N. M. and N. M. Dair and pleasant. at 12.40 fulled topgellent acid and took a single seef in the foresil. This change of early the union remaining steady, reduced the expect one knot. a 2.10 seet the main and migros topment stayeally. Cleaned starbad under tank. Inched down lackitage. Appretice were instructed as follows: 1.15 to 2.00 14 worth infanting 3.7d worth, single sticke: 2.15 to 3.00, 1 watch revolves; 3rd watch infantry: 315 to 4.00 all the watcher at boots armed and away for cutting only of verely. apparative at the wheel. Wend of watch, alies as conce Inth, under for, main and mugger toposes atoricalis, topsails and engle regled conser.

From 4 to 8 9.9%.

Genkleall, Leutewart M. J. W.

Light to mordinate breeze from N. by W. to ch. N. V. Dong eew from N. V. Conce Freth (y. c) ab 44 45 hauled down and strong name topmant staymal and muzew topmant staymal. at 60 class took tue single rests in topmand and the second rest in foreails. Stades there each at each of watch with jet, and fore topmand the second rest in the second rest in the second rest in the second rest topmand the second rest in the second rest in the second rest topmand the second rest in the second rest topmand the second rest in the second rest in the second rest topmand the second rest topmand rest to the second rest topmand rest topmand rest to the second rest topmand rest to the second rest topmand rest topma staypail set. appenting at the while.

From 8 P. M. to mid

Trentewant Q. J. N.

Chow and placent bright monlight Light to guith been from A. A. Baronter ricing. Indee doubt rufed topsall, double rufed foreail, engle night manual jet and for topmach staysail of course forth (p.) This willing early to long with from N. appretice under instruction at what during witch

bloger Welles, Jr. Energy W. & M. J. B. Mo illin M. Novigator. 11 0 5

Noon. O 5

10

of the United States Ship Essex 3rd Making passage from Theoport R. S. to Charleston S. E. 0 30.38 64 63 60 69 b.c. 1.100 1-2 0 2 0 98.2 0-1 0 0 30.38 64 63 60 69 5 Hauldin 0-1 0 1 0 30.88 64 63 60 69 0-1 0 0 30.386463 60 69 0-17-10 0 30.2864 63 60 69 0-1 7-10 0 30.3864 63 60 68 0-1 7-10 0 30.39 63 63 59 68 0-1 7-10 0 30.39 65 64 60 68 b.c. 0 7-10 0 30.39 68 65 61 69 0 5.7 0 30.40 68 66 62 69 10

43. 0 Dietauce new by Puters Long Course and distance made good since preceding noon by observations, \$\frac{9}{2}, \frac{6}{6}\$. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. from Nome Longitude by Observation O Position at 8 P. M. { Latitude by Sh. h. from Noon

Longitude by Chemineter from afternoon observation O tenths per hour, setting to the A 41294. Correct during the time, 4 knots Prior of the Compass by Azimuth O observed at FQ. 9h., ship's head Such Deviation of the Compass by Azimuth O observed at 80.9%., ship's head ... Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours,

during the preceding 24 hours,

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

54 knots. tenths. 30 046 61 0 30 184. " 30 0 49 1 A. 11 an 61 083 194 " 30 045, 1. " 61034104.11 3004911.11 61033,04. " 8 . 43 . 94

0-15.7 0 30.4067 66 62 69

1 5.7 0 30.40 67 66 62 69

1000 6. variation used, 9000 94. variation used, 4 20 gallons.

860 tons 560 158 - 1990

-									1								
P. M.	o	6	Hauled in	J. St. 94.	QL. F.W.	12	7.7	0	80.41	68	68	64	69	b.	mone.	10	2
					, , , , , , , , , , , , , , , , , , , ,				30.42					**	*		
				**					30.42							10	**
4	0	5			4.	2	7.7	0	30.43	69	68	64	70		1	10	
5	0	8	000	96 49.	Fol. lija.	2	7.7	1/2	30.44	68	67	63	70	b.c.	eir eum	. 9	4
6	1	2	98.2	Phy 6.126		2	6-6-	1/2	30.44	67	66	63	70	14	٠,	9	
			98.5			2	2.2	1/2	36.447	67	65	-62	70	•	1	9	٠,
8	1	0	.,	2.4		2	5-5-	1/2	30.44	67	65	62	70	,,	**		
9	1	6		PE. 3/4 P.	fox.	2	5.7	1/2	30.44	67	66	63	70	b.	none.	10	
10	1	0	-	4.					30.44						1.	10	**
11	2	5		**	••	3	5.5	1/2	30.44	67	66	63	70	b.c.	cir otial	9	41
Mid.	2	2	1 1	**		3	6-1-	12	30.44	64	66	63	70	"	enou stat	7	
-										-					1		-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m. Servally clear and pleasant balow to light brew from N N 94 Baimeter strady. This rolling and pitching considerably to long entit flow N 9. Mainmin well 18° Bright starlight and mornight till 2.35 when moon all at and of watch under jit for topmast stayeal I double reefel foreail, enigle neefed mainsail and double reefed topeals, on come Furth.

Demo 4 to 8 a.900 Concern W. J. M. Ship on context (g.c.) under some of forces of such (g.c.) under some of forces of typical and re set out of forces and reserve in force of the watch under instruction of the which steering chip. Long with from I by Phip rolling early and frequently to curl.

Dame 8 a. On to Deside Scale two knews, light aire from 3.94 last two Elsav and palazant Long auch from Note and Oth At 9 so calleial have clear ship for action. The draw roys years and made all paparentum as required by regulations, in 40 minutes. At 10 13 annoted cast to General wanter cast love and granded atter battery devicine reporting randy as follow. After and no 10 17; 2nd division, 10 22; 13 division, 10 22; 2nd division, 10 22; 3nd division and cast of the fort rope of first year of 11 22; 3nd division, 10 22; 3nd division and closed him to fall to the start, a distance of thirty (30 feet. But was picked up unconscious and count to the baptains colorie, him to fall to the start, a distance of thirty (30 feet. But was picked up unconscious and count to the baptains colorie, notice he some records accorded conscious of distributed in the land received in second accorded to make a report in displayment of the circumstance attending the accorded to Dullad. Apprehense at the start control of magazini bet formand, 66- aft.

Tentenach W. Fr. Leght begg from H. Fr. Char Long awell from North Heading N. N. M. during the watch. Och 18 ernalul five alarm. I who in concert During the watch with minute, 29 ernalul Al 120 annulul north to get up generalus Od 126 called all hands abando align and must all about abrach broke with accessary articles French to 1866. It so cal concert Copposition were instructed at fellow. 2.15 to 31 choice, A divine infantry 2nd anion broad awards from 215 to 40 chost A divine and the divine R. Dhow. Approximation of the war of the chip couldn't have make Under typical and jet at end of watch.

Dien H to 8 P.M.

Bleavand gleascal. Light breey from 99 by th. Caronster steady. at 6 15 took too reefe in topeale and a second reef in the foresil. At each of motel ender abolis refet topeale and freeil, reefet enament, jet for topeach stayment and apacker, making course I by 6. To 6. Op c 7. Sal on Fatur togets so, eaching 90 a and based in again at 700 meting 90 5.

Roger Welles, h.

Orom & P. M. to Ried.

Sight bezzy from S. V. Elsan and pleasant Bright mornlight. At end of week under double reful typenels,

Examined and found to be correct shull reefed forboil, single rafed mainsail, jet for typeness staypail and expenses.

J. D. M. Corr

J. B. Weillin sarigara. Leutenach 4 9 M.

LOG of the UNITED STATES Thip Essex Phird Rate, Making passage from Newport Q.D. to Charleston S.C.

	-		0 0		WIND.				BAROMI	STER	TEME	PERAT	URE.			7 :	1
Hour.	Knote.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heat.	Leeway.	Height In Inches.	Ther. atl'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M	2	٥	Haveled in	9. ly 6:/26.	U .FU.	3	4	,	30.45		100		70	b.c.w.	cir.eum	. 7	R.
2	1.	8			4*	3	4		30.45					••		9	
3	1	8		9. ly 8.		3	4		30.46					"	1 11	9	~
1 4	2	0		ca.'.	a, " ~	3	4		30.46					0"	"	9	-0
5	t	9		9.146.	94. ly F.	3	4		30.43					b.c		9	8.
6	1	9	F. (Fouth	West.	2.3	4		30.09					"	"	7	*
1	2	0	1.	"		2.3	4		30.89						-	5 4	
8	3	0	98.5	4*	0,00	3			30.40							Ţ	-
9	2	0	100.3	**	01. by 8.	1	3.3		30.45					-		/	
10	1	8	1.1				3-3		30.46				,	**		7	-
11	1	3	1.5		Otest.	2-3	3-3	1/2	30.46	68	67	64	69	**		7	
Noon.	1	5	2. /			2.3	3-3	1/2	30.46	70	69	66	69		eum.	4	
														- Contract			-

36.8 Dictaure run by Catul dag.
Course and distance made good since preceding moon by observations, \$.27° &. 29 knots. tenths. Latitude by D. R. 30 °25 'N." Position at Noon: Longitude by D. R. 61019 94. " 30 023 1. " Latitude by observations of O 61017.84. Longitude by chronometer from Forenoon Observations of O Latitude by D ll. from None Longitude by Observation O 30 ° 29 'W 61 º 19 W." Position at 8 P. M. Latitude by D. U. from Nome

Longitude by ob Innometter from a flamon observations

Current during the time, 27/2 knots tenths per home, setting to the 929 2 & 30 0 /3 . W. " 61014.84.11 For of the Compass by Azimnth O observed at # P. 7. ship's head 9. 2 - 6. 9 02 94. 8 41 6 variation used, 9 00 % Deviation of the Compass by Azimuth O observed at ..., ship's head ... , ship's head Error of the Compass by Azimnth ⊙ observed at Deviation of the Compass by Azimnth O observed at variation used, 4 10 gallons Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 450 Coal consumed during the preceding 24 hours, tons 400

Р. М	1							1							
		5	2.8	Pinak	Otest.	2	3.3	1/2 30.46 71	69	66	70	be	civ.cum.	5	F.
2	1	5	2.8	,,	*1	2	3.3	1/2 30.46 71	72	68	70		61		
3	1	5	2.8			2	3-3	1/2 30.46 72	74	69	70	-	6.	7	**
4	1	5	3 2			2	3.3	1/2 30.47 72					-	9	14
5	1	2	Healed in.				1-3	1/2 30.47 70	72	67	70				
6	٥	9		**		1.2	3	1/2 30.47 70	72	67	70	٠.	diat.	9	•
7	0	19	1 1	-		1-2	3	1/230.47 69	69	66	70		4.		
8	0	7			Ol. 901.			12 30 48 68					ew.eu	9	4)
9	ſ	2			04. Ly 9.	11	3-3	1/2 30.47 69						9	
10	1	0				1	3.3	12 30.46 69						9	4
				**		1	3.3	1/2 30.45 69			1		"	9	
Mid	- 1	2	. 1		*			12 30 44 69					more	10	"
													more	10	n

158 " 1590

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mednight to 4 a M. .

Clear damy cool and pleasant Gentle breze from 94 of 94. Morn set at

3.20 a. M. Enner Guith (pc) Glup atening fell and by on starboard tack under duble negled topicals
and forwait, eniglo negled maineail, jet, for topmast staysail and aparker apprentices at the volve atoming abip.

W. Y. Laperton Sentenant Qu. J. R. From 4 to 8 a. M. Sight to gentle burge from West Fair and placeant . Under same sail as in preciding watch appendix at the wheel. Put our Patent log at 7.40 reading 98.5.

Robert W. S.W. From 8 a. 9 n. to Graid.

Light to guttle breey from It by I and Itel. Course Inch. Sea senorth Wider

eans earl as presiding watch. appentice at the wheel. Cleaning ship with 11. a. n. when the
appentice were called to quarter for bag inspection by Tinemal Office. Temperature forward magazine

6 2 3. and of after magazine 67 3.

Chan opened to 4 . W. Generally chan and pleasant. Light buys from the bacometer strady.

Chadre dubbe negled topicals and foresit, single negled marical, jet for topical structured and expander in concer Porth (p.c.). Apprentices allowed bugs all the watch. Apprentices at which during watch

Ensign Qu. J. 9.

Orm 4 to 8 P. M. Sewally clear and pleasant Light aire to light buy from Ot est to N. 99. Bright montight during last two hours. At end of water will, for topmart stayeast, doctor negle forward, single refed manarit, and we will precipe and spanker, heading I had bound Inthe.

n. D. boleman Enign V. F.M

From 8 P. M. to Mich. Shar, cool and phasant. Light air from Ob AS. and Ob by F. Bright mornlight and starlight. This must concer Forth (pr.) under same sails as in previous write apparetries of watch at whal, steering ship.

W. B. Caperton. Lieutenant au. J. On

Examined and found to be correct.

J. B. Mo illon, Navigator. Lieutenant & S. E.

LOG of the UNITED STATES Thip Essex Phil Rate, OMaking passage from Previport, A.S. to Charleston, Fl.

			Reading		WIND.				BAROME	TER	TEM	PERAT	URE.			Clear 10ths.	Bea.
Honr.	Knote.	Tanths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Poron.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the Se
A. M.	14	3															
1	1	4	Harled is	Finth	West.	1	3-3	./2	30.44	68	67	65	70	b.c.	Cir. Cum.	7	9.
2	1	4	er .	4	61	1	3-3	1/2	30.44	68	67	65	70	*	. "	7	10
3	1	2			**		3-3		30.44					- " -	4	7	
4	1	2	1.			1	3.9		30.44					•_	Cir. etras	9	
5	1	0	. 1		Ot. ly N.	1-2	3	0	30.43	68	66	64	70	"	cumstrat	7	**
6	0	7	*		94. ly 8.	1-2	. 3		30.43					-	-	7	
7	0	6			••	1	2		30.43						Cir-cum	. 8	-
8	0	4				0-1	2		30.44					~	cer.	8	
9	0	5		9.1/2 6.	991. by 21.	1	2	0	30.46	71	68	65	71	• -		8	**
10	0	8	-	9. by 6.	,	1	2			,			,			8	
11	0	8	-	996/26		1	2		30.46							9	-
Noon.	1	0	~	ુ.ક. ક. ક.ક. ક.		1	2	0	30.47	71	73	68	71	**		7	

	ruce punt by Log.			
Course and distance	e made good since preceding noon by observations, 9.2426.	25 knots.	tenths.	
	(Latitude by D. R.	29° 57 '	A. "	
	Longitude by D. R.	29° 57 '	24. "	
Position at Noon:	Latitude by observations of ②	30 000 1		
	Longitude by chronometer from Forenoon Observations of O	610051	94. "	
	(Latitude by D. R. Low Store	30 000 /	J. "	
Position at 8 A. M.	Latitude by D. R. from Som (Longitude by Observation) O	610071	94. "	
	(Latitude by D. M. Lion Som	29054	N. "	
Position at 8 P. M.	(Latitude by S. M. Jeon Som Longitude by Chemometer Jeon afternow observation time, 4/2, knots tenths more hour, setting to the N. 4826	61001		
Current during the	time, 4/2, knots tenths per hour, setting to the J. 48 6	3		
	ass by Azimuth @ observed at 80, h, ship's head Froth	9 040 1	Q4.	
Deviation of the Co	ompass by Azimuth @ observed at PQ, 9, , ship's head	001	6. variation us	ed. 9 00
For of the Compa	ass by Azimuth ⊙ observed at 4 (P. M., ship's head \$6. by €: 146.	9 17'	94. "	,
Deviation of the Co	ompass by Azimuth @ observed at # P , ship's head	2 18	& variation us	ed, 9 ° 00 ° \$.
Water expeuded du	ring the preceding 24 hours,	400	gallous.	
Water	during the preceding 24 hours,			
Water remaining of	n hand fit for use at Noon,	50		
Coal consumed dur	ing the preceding 24 hours,	tons 166) Ibs.	
Coal remaining on	hand at Noon,	157 " 2150) "	

P. M.									1						cir.		
1	1	0	Hauld in	9.98.	Pa. ly 94.				30.44					lic.	cir. deal	9	9
2	1	2			. "	/	2-2	0	30.43	73	76	70	71				
3	1	2		98. ly 8.	91. For.				30.42							9	
4	1	2	44	. /	"	1	2-2	0	30.42	78	75	69	71	4		9	**
5	1		4						30.42					,			
6	0	8	"	86.	*1	1	2-2	1/2	30.42	72	71	67	72	"	atest.	9	
ï	1	0		96. ly 9.	4.	1	2.2	1/2	30.42	72	72	67	72	**	atab.	9	
8	1	0		9 ly 6.	Q1. ly 9.	1	2.2	1/2	30.42	72	70	67	72	•			
9	0	4		Forth	Ot. M.W.	0-1	2.2	0	30.43	71	69	67	71	**	cum.	5	**
10	0	3	-	4					30. 43							4	
11	0	3			-				30.43					**	4	4	4
Mid.	0	3		**	J NG.	0-1	2.2	0	30.44	68	68	66	71	**		3	

(Midwight to 4 a. M.

Eight ain from Otest Fair and pleasant Bright mornlight. Invote sea. Started frie under boiler B" at 200 for distilling . At 2.00 hauled up manierel. At end of witch under jet, for topuset staysail, aparter, class heefed foreail and don't reefed topsails. Appentices at the while.

From 4 to 8 a. M.

Gen Robert V. J. W. Calus to light being from the by s. and the by s. Bleav. I must sea. Throw all at 405 Communical distilling with file runder boils to . at 7.50 at 5.15 monder all plain each to rayale everyt marrial and mario tupail . At end of water under this sail. Appretises at the while Course Forth. (pc)

Orom 8 a. M. to Merid.

bleav and warm. Fight airs from 99 by W. At 9:30 sounded the call for divisional niespection, officer suspecting their divisions, and at 9:46 the boundarding Office inspecting the ship and cur at George Piped up bago. Temperature forward magazine 60° and after 67°. Appendicio under instruction at which Guder plane sail to expels with maintail brauled up, clar houled or standard tack. Eugenaturg with bruked free under bother 13.

Evgu Wellis Jr. Ensign W. & W.

From Merid to 4 J.M.

Clear and warm. Light air from I'M by U. to V. IV. B acometer falling Part of watch in deck engaged cleaning forward water tanker. At end of watch under all plain pail to royale every manical breaking IE. by T. Cover I with Distilling under banked free under baker 18.

M. J. Coleman Ensign W. J. Ok.

From 4 to 8 P. Mr.

blea, warm and pleasant. Fight aire from It IV. and IV by I. Concer Inoth (pc) This streng full and by metarband tack with breeze strenguay, under same sail as in frience water application at the what streng chip. Tistling under branch free under boiler G.

W/ aperlow Lieutenant Ch. J. W.

From 8 P. On. to Chid

Calm to light air from Ch. W. to b. W. E. Gaper canned of air, as indicated by mornish of clude, from J.E. Party cludy and pleasent, with bright mornish . I mooth see Gudu all place said to explu ewapt manual. Distilling ender banked free under both B. appendice at the whole

Gentlewart Ch & N.

Examined and found to be correct.

J. B. Milton, Navigator, Scitterant 94 894.

OG of the United States Thip Essex Third Rate, Making passage from Newport R.S. to Charleston & C. 8 b.c. Vanable 0 30.44 69 68 65 70 In steragera 0-12.2 9. ly 6. 6 9.9.9.º 1-24-4 0 30.42 69 68 65 71 0 30.41 68 68 66 71 6 1-2 4-4 6 0 30.40 68 68 64 71 0 30.40 68 68 65 70 6 1 4 0 30.40 67 67 64 70 0 30.41 67 68 65 70 0 30.45 69 68 65 71 04.991.14.04. 1-2 2 0 30.46 69 69 65 71 9.96. 1-2 0 0 30.46 69 69 65 71 24.12 N. 9.901 11 1-2 0-2 0 30.46 70 70.66 72 04:129. 3.4 2 0-2 0 30.47 71 71 66 72 9

21 + Dia	town him by Log.	
Course and distance	e made good since preceding noon by observations, \$282 \$4.	9 knots. tenths.
	Latitude by D. R.	29 ° 48' N. "
Position at Noon:	Longitude by D. R.	61 ° 13 '94. "
Position at Noon:	Latitude by observations of ②	29 0 52 1 1. "
	Longitude by chronometer from Forenoon Observations of ②	61 ° 10 '94. "
	(Latitude by D. R. from Noon.	29 0 53 1 . "
Position at 8 A. M.	Latitude by S. R. from Noon. Longitude by Observation O	61 004 194. "
	(Latitude by D. U. from Som	29054 1. "
Position at 8 P. M.	Latitude by B. C. from bom Longitude by Chemometer from afternow observations o	61 0 22 94. "
Current during the	time, 4 knots tentils per hour, setting to the \$30 6.	
the Compa	ass by Azimuth O observed at 80, %, , ship's head \$90. h 91./491.	7 ° 28 ' 84.
	ompass by Azimuth O observed at 8 C. % . ship's head .	2 28 %. variation used, 7 00 %.
Grav.	ass by Azimuth O observed at 400 %, ship's head & 494 3/4 W.	7 20 81. "
Deviation of the Co	ompass by Azimuth ⊙ observed at #99%, ship's head	4 27 %. variation used, 8000 %.
Water expended du	ring the preceding 24 hours,	460 gallons.
Water distille	during the preceding 24 hours,	760
Water remaining o	n hand fit for use at Noon,	160
Coal consumed dur	ing the preceding 24 hours,	/ tons 80 lbs.
Coal remaining on	hand at Noon,	156" 2070 "

P. M.							-		1								
1	1	6	3.6	9.128.	9.90.	1.2	2	/2	30.47	78	72	67	72	b.c.	cir.	8	9.
2	,	2	Hull s.	94. by A.	FN.	1-2	2		30.47					44	cir.ouw	. 8	
3	1	2		W. N W. 12 84.	39 4 4 W.	1-2	2	1/2	30.47	76	78	68	72	~	*	8	
4	1	5		41		1-2	0	./2	30.46	76	78	68	72	**	-	6	1
5	1	4	**	4,	9. gov.	1-2	O	./2	30.45	74	71	67	72	*		6	
6	1	3		**	"	1-2	0	1/2	30.44	70	69	65	72	4.		7	٠,
		4		44		0-/	0	1/2	30.44	69	68	64	72		*	7	A
8	0	9		**	н	0.1	6	1/2	30.43	69	68	64	72	**		7	da
9	1	0		".		1-2	2.0	0	30.44	69	68	65	70	,	etral.	6	4
10	1	0	**	94 1/2 8.	of lyou.	1-2	2.2	0	30.44	69	68	65	70	*1		6	٠,
		5		ON 9 71. 1/4 OV.	Inith	1.2	2.2	0	30.44	69	67	64	70	**	**	9	1
Mid.	1	8	-	94 by 9.	**	23	2.2	0	30.44	69	67	64	70	*		9	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m.

bleau. balow to variable light airs first hour them light airs and buys from Fly E. At 12 20 took in all sail en eight jit and topeadle and backet alor. At 100 made all plane sail to cryate everyt maintail and main trypail. Gudu this rail at end of watch. Bours Facto (y.c.). The smooth. Distilling with free budu boles B. appendice at the whal. blood passing from Ft. and 6ts.

From 4 to 8 a. 94.

Listemant Q. J. Q.

Clear and pleasant. Light air from I by 6. Barometer rising. Under all plain sails to expels with maineail harless up, Ine hauled on pot tack. Evaporating buth free under biler 13. apparatices at the wheel.

From 8 a. In. to Merid

Roger Welles Jr. Energy & & &

Chas and warm. Sight aim to light breeze from 9.96 to 9.96. Who appendices in resping and inspected at quarter. Oh 9.46 called all hands need to greatly and executed appendices in resping and powering reef carrings entitle 10.40 when made all each to royals and set manical engle reefed. From 10.55 to 11.45 had instruction as follows: 1. watch, mailingsyster, earlier shing and eighels: 3. watch cails and opens. Oh end of watch under all plain each to royals except engle reef in manical breaking Oh. 12.7. Oh 90 this changed cover from Inth to 9. by W. Banked five in boiler B. Distilling. Compensative of magine 68 forward 68° aft.

From Merid to 4 9 9 .

M. S. Coleman Engly VI. A. R.

blear warm and pleasant Light air and breyer from I I I halling to I I V b.
Concer I by & (yc) Flexing fill and by on protack under each as we previous writer. At o clock eighted stamm after etading to the I'd and Obs. That with her, International Coto I I I I know housed Oroungan color: there we housed International eight B. R. K. O'll you forward ony mail), but received no reply-Ob & I'm housed done eight and colors and at 2:5 the stammer Located some signal which we were weather to each on account of litture. It I'm even out chan haumants to appention shifted duty haumanch's and accushed them and diety bags. Distilling with banked five under bother B. Hauled in Potent by at 30 reading 3 6 miles.

Frem 4 to 8 P.m.

Luitenant Q. J. W.

Fight aim to light breen from T. III and calme. Fair and pleasant, I mooth sea. At 4.30 hauled up maintail at end of natch under all plain cail to engle everyt maintail Full and by me fort tarl Evaporating with banked frier under briler B. apprentices at the wheel.

From 80 cm to Mid.

Questionant V. S. O.

Eight aim to gentle breef from II & to Inch Chear I morth sea. Conner I by & I will and by , port tack under all plain sail to rejete crept main trysail and manifeld Distilling with free under boiler B. apprentices at the wheel Cloude passing from the It and Ed.

Leutenant a. La.

Examined and found to be correct.

J. B. Me illow, Navigator.

			Reading		WIND.				BAROME	TER.	темі	PERAT	URE.	State of	Forms of	Clear Aba.	3
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Looway.	Height inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	Grata of the G.
A. M.	/-							,									
1	2	0		Ofest	F. P.	1-2	3	1/2 3	10.45	68	67	64	70	b.c.	cir cum.	4	5
2	3	0	3.6	Ol. ly A.	991. ly 9.	2-3	4		30.45						atial.	7	١.
3	3	0	6.4	04.54.94.	/	2-3	4	1/23	30.44	68	67	64	70			6	-
4	2	6	9.0		**	2-3	5	1/23	30.43	68	67	64	70	*		7	1.
5	0	8	10.7	9.98.126.	FW.	2	4		6.41					*	,,	6	
6	1	0	11.0	9.86.	Ot. ly 9.	1-2	2		0.40							4	
7	0	6	11 0	Porch	Hell	1	2	1/2 3	30.41	67	67	64	69			9	1
8	1	5	11.0	9. h &.	Ok. ly F.	1	2		30.42						cum.	7	
9	1	6	18.5	9.9.6.126.	9 ch. by 04.	1	2	1/2 3	0.44	68	69	64	69			6	
10	3	0	13.6	96.126.	F. F. U.	1-3	3	1/2 3	30.45	70	69	65	69		Cir.cum.	9	1
11	3	0	16.0	86.46		2-3	4		30.46					••		9	1
oon.	3	5	17.7	98.129.	99. ly 8.	2.3	4	1/2 3	10.46	70	70	65	69		-	9	

41. 2 Dist.	ruce rem by Log.		
Course and distant	e made good since preceding noon by observations,	\$ 57 . 04. 12 knots.	5 tenths.
	Latitude by D. R.	29 0 45	· . "
Desire of None	Longitude by D. R.	61 027	· 84. "
Position at Noon:	Latitude by observations of ©	29 045	· . "
	Longitude by chronometer from Forenoon Observa	ions of @ 6/ ° 22	· Q t. "
D 11	Latitude by D. U. from Nom.	29 0 51	1 1."
Position at 8 A. M.	Longitude by Observation o	61 0 32	· %. "
n *** n **	(Latitude by D.R. fune Nome	29 030	·N. "
Position at 8 P. M.	Latitude by S. R. fum Iron Longitude by Chrometer fum afternom time 1 knots tentos montanos settino t	observation @ 610 15	94. "
Current during the	time, 4 knots tenths per hour, setting t	the East.	
Error of the Comp	ass by Azimuth O observed at , ship's head	0	
Deviation of the C	ompass by Azimuth O observed at , ship's h	ead o	variation used.
Error of the Comp	ass by Azimuth O observed at , ship's head	30	<i>i u</i>
Deviation of the C	ompass by Azimuth O observed at , ship's h	ad	variation used, °
Water expended di	ring the preceding 24 hours,	70	o gallons.
Water distill	during the preceding 24 hours,	188	0 "
Water remaining o	n hand fit for use at Noon,	54	0 "
Coal consumed dur	ing the preceding 24 hours,	tons 2/1	60 lbs.
Coal remaining on	hand at Noon,	155 " 21	50 "

P.M							1						1		-
1	3	5	21.2	9€. ly .	991. ly 04.	3 2-	2	1/2 30.46 70	72	66	72	be.	cir.etral	9	F.
2	1	1	22.3	,, ,	,,	3 2	2	1/2 30.46 7	2 73	68	72	ï		9	
3	1	3	23.6	Inith 1	04 by 9.	8 2	-2/	1/2 30.467.	74	68	72	b.	none		
4	2	1	25.7	Fly 01 1/2 04.	94. by N.	2.3 2	.2	1/2 30.45-7	2 74	68	72		eis.cum.	10	
5	2	2		FU. Ly F.	CH. St 61.	3 2		1/2 30.457				b.c.	strat.	9	- 1
	2			٠ .		3 2-		1/2 30.45-7				4.	cir aum	9	
7	1	8		g. g. v.	Ol. by N.	2 2	.3	1/2 30.44 6	9 69	66	71	6.	4,	9	-
8	/	8			0	2 2	1	1/2 30.44 6	8 68	66	71	٠,		7	- 1
9	1	6		Fly et.	Chash.	2 2		1/2 30.42 6	9 69	66	71			9	
10	. 1	8		Č	и	2 2		1230.426	9 69	66	71				
11	2	5			**	2.3 2	ı	12 30.40 6	9 69	66	71			76	
Mid.	2	9	26.9	r	**	2-3		1/2 30.40 6				*	1.	6	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Wiederight to 4 a. M. Cloudy but pleasant. Fight air from I II to gentle breen from I II to gentle breen from I II to gentle breen from I I I leader all plans each to enjale with manual hauled up, etering by the wind on the part tack. Appending with banked from under bother 13.

From 4 to 8 a. M. Regul Weller In.

Show 4 to 8 a. M. Show and pleasant Light breeze to light airs from 40th to White At 15 commenced to was align heading 184 4 b he and it 4 so came by the word no etashad tack heading 46 14 6 at each of nately whose all plans each to regale except manifest heading 446. Distilling with free wider bills 18.

Dimi 8 a M. to Merid

Clean and free wrather Light air from FM by the increasing to gentle breyer and backing to 9.9%. Then hauling to 9 M by F. Demperature of magazine forward 68° after magazine for The Aparthin at 9 and tunied in securble harmocker and longer. At 9.45 to man tripale. The aparthin at 9 and tunied in securble harmocker and longer. At 9.45 to man tripale. The aparthin was instructed as follows during the watch: 1th period 9.45 the 10.45 till 10.46, 1th watch had paid and expant; the bottle had mallingspirle seammenting callucking and signale 3rd watch at the while steering ship during watch. To auled in partial log several termer during watch and found in fail with as word. A Board for the quadrily examination of apprentice was appointed by the Commanding Offer, creenting of Link Conidiblic and Swith Porter and Capital Science F. by & (pe) Fing steering full dust by me etablished tach. Eludu all plane each to royals and main tripail veryer manuscial at such of watch. Distilling with backer free under Bolis Villed magazine flow orks advanced and those in working watch. Distilling with backer free under Bolis Villed magazine flow orks advanced and those in working watch.

Draw Merid. to 4 Pm.

Sentle to light breef from Ich by & to D. by & blear warm and pleasant.

Smooth ass. At 1.15 called all lands and exercised at tacking ship, watch officed in charge.

Darled three times and succeeded twice. Principal secrees and bought ship by the wind on stailand tack at 2.30. Cauled in patient by at 16 resolveng 223 and put it was at 23. At 1.10 took in maning topail and est the manisable single refer. After 2.30 all hands engaged excelling large heamouses single refer as a legal reef in manical. Distilling with frier banked under boils B. Appendices at the what

From 4 to 8 P.M. Light to girthe buy from O. by It and O. I. W. Elean. General sea. Every I of M. all plain sail to reply everyt main tripiail, single help in manual. Distilling with frie under balls 16. Appendices at the wheel.

Examined and found to be correct. Rail to Angeld rich grief in brief to a 11 feet over getter beech and found to be correct. Rail to haple with single ref in manual on starband back. Of pentius at what Examined and found to be correct. Rail to hapled with single ref in manual on starband back. Of pentius at what Examined and found to be correct. Rail to hapled frie in bullet to a 11 feet over getter by reading 26.7 Royce chelles be Energy & The

Leutewant & 99 Changeton

LOG of the UNITED STATES Phip Essex Phid Rate, Onaking passage from Chewport R. J. to Charleston S. E.

			-	V				-	-							_	-
			Reading		WIND.				BAROME	TER	TEM	PERAT	URE.	State of	Forms of	Clear Oths.	se Sea
Hour,	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.																	
1		2	31.1	F. F. 1. 1. 8.	CH. J. C.	3	2	1/2	30.40	69	69	66	72	b.c.	cir strat	6	9
2	4		35.4			3	2		30.40						.,	7	
3	3	4	35.4	F91. ly F.		3	2	1/2	30.40	69	68	65	72			7	
4	4	2	15.9			3	2		30.40							7	
5	4	2	35.9	9.91.3/48.	A Q1. ly Q1.	3	3	1	30.40					**		7	
6	3	4	37.0	991.12 9.	0	3	3	1	30.40						am etral	7	-
7	3	0		Fgt. 148.	**	3	3		30.88						Ecr. sum.	6	~
8	2	4	38.3	. ".	••	2	3		30.38							8	**
9	2	8		FOL. 12 04.	NOI.	2-3	3		30.40							7	
10	1	5		FN 3/4 04.		2	3		30.42					••		5	•
11	2	6		Foi. ly F.	W. N. St.	2	8	1/2	30.43	72	70	67	72	•		8	*
Noon.	2	. 7		991 12 F.	10 91. by 94.	2	3	1/2	30.44	72	70	67	72	**	cir. ateas	9	
-					· · · · · · · · · · · · · · · · · · ·												

63. 8 Dest	auce new by Log.
Course and distance	e made good since preceding noon by observations, \$. 13 94.
	Latitude by D. R.
Desition at Mann.	Longitude by D. R. Latitude by observations of ©
Position at Aoon.	Latitude by observations of O
_	Longitude by chronometer from Forenoon Observations of O
Position at S A W	Latitude by D. R. fine Avec Longitude by Observation O
Position at o A. M.	Longitude by Observation O
Desision at C D M	Latitude by D. H. Janu Jenn Longitude by Chenesenter from Afternew Observation 0 time, 2, knots tenths por hour, setting to the \$13.29.
Position at o r. si.	Longitude by Chromenter from afternow observation o
Current during the	time, 2 knots tenths per hour, setting to the \$2394.
From of the Compa	iss by Azimuth ⊙ observed at 80.9%, ship's head \$9%. 1/4 \$.
Deviation of the Co	mpass by Azimuth O observed at Pa , ship's head
Error of the Compa	ss by Azimuth O observed at 40.90., ship's head \$91.1/2 04.
Deviation of the Co	mpass by Azimuth @ observed at #Q. M, ship's head
	ring the preceding 24 hours,
Water distill	during the preceding 24 hours,
*Water remaining on	hand fit for use at Noon,
Coal consumed duri	ng the preceding 24 hours,
Coal remaining on 1	nand at Noon,

80	50 'M	. "			
10	36 9	. "			
18 0	48' A	. "		4-	
10	35 9	. "			
8 0	56 . 1	y. "			
610	27 0	4. "			
	56,1				
610	51.91	1, "			
7 2	25 9				
2	05.9	¥.	variation used,	7 .0	0 %.
	38 0			′	
			variation used,	700	00'94
	40			'	
- /	000				
	00				
	640				
	1510	44			

Р. М.								, , ,						No obol		
1	3	5	Hould is.	901.12 g.	NO. 49.	3	3	1/2 30.42	72	70	69	72	b.c.	cio cum.	5	3
2	3	6		F91:14 F.	,	3	3	1/2 30.42					**		6	
3	8	4			1 .	3	3	1/2 30.40	73	71	70	72			6	
4	3	6		Fox. 1/2 el.	104.	3	3	1/2 30.40	73	71	70	72		4	6	
5	3	0		Parly Ob.		3	3	1/2 30.40	73	75	70	73	.,		6	
6	3	0	**	. "	**	3	3	1/2 30.40						tin tum	7	44
7	3	0		64		3	9	1/2 30.40						can steet.	7	4
8	3	0				3	3	·/2 30.40						4.	4	
9	2	7			194. by A.	3-2	3	1/2 30.40	70	70	66	73		civ. aum.	7	
10	1	7			. 0	2-1	3	1/2 30.40					*		7	**
11	1	3	- 1			2.1	3	1/230.40					*	cum.	4	
Mid.	-1	3		,		1	3	1/2 30.40						cir euro	6	**

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

- Midnight to 4 a. M.

Elendy and pleasant. Bright mornlight. Gentle breeze from & 48 Forworth are Bavoneter steady. At 30 clock hauled in petral log, and friend it find, cleared it and put it was again reading 35.4. At end of watch render all plain eail to expalse everytheings in manual heading 40 by 8. Distilling with bruked free runder biles 13.

Orono 4 to 8 Or. On Clean, warm and pleasant wrather. Settle to light begge from 4 9. ly 4. Lailing to No 4 6. ly 4. Lailing to No 4 6. ly 4. Lailing to No 4 6. hy 4. Chailing to No 4 to bound tack under same sail at in previous watch. Cleans pater log of real word several times during watch. Distilling with banked fire suder bother B. The emoth.

From 8 a. M. to Okerid

W/Waperton. Luitenant Q. J. Ok.

Secretarist & 9.00.

Secretari after magazine 69º.

Our Merid to 4 4. M.

Gen ROS

Sentle breeze from N. N. by N. to N. N. bleav and pleasant, thickening elighty to undused towards clav. From 1.15 to 2.15 executed 12 watch at marlinespeck, salinaking and elgonals, 15th watch at sail and experience 30 to 3.0 to 4.00 executed 1st watch and 3th watch in gumling From 2.30 to 3.0 to 4.00 executed 1st watch at granustics and 5th watch at below lead and log at the latel under plane each watch aright wife in manuscip and 5th watch at Selim lead and log for boiler to. At 1.30 each reported from matthew to Fig. not made out. to 96. , not made net.

Moulequing the Taylor. Ousign W. J. K.

Ounu 4 to 8 P. M. Elmay but pleasant. Senth been from N. V. Bacometer steady. Eng wall from 9.76. at 6.15 took in regal and flying jet. At end of natel under plain earl to topgallant early with angle ref in nameal, making come 99 by W. (pc). Appendices at what Engenmening with banked from under boiler B. Roya. A Brid.

Cloudy and pleasant Bright mornlight. I sutle been to light air film Not by the Barometer steady. Indoor the ac all 10.30 took in maintail and spanklor as there was not wind laught to keep them fill. At end of watch under all plain sail to topgallant sails, everyt manusail and spanker, headwig 94. Listling with banked fires in lake B.

11. J. Coleman Oneign W. F.M.

Examined and found to be correct.

J. B. Me illon . Lewtenant Ch. J. W.

LOG of the United States Phijo Essey Phid Rate, Making spassage from newsport a. I. to Charleston S. C.

	,		Reading		WIND.				BAROME	ETER.	TEMI	ERAT	URE.	State of	Forms of	Clear Othe.	se Sea.
Hour.	Knots.	Tentha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Buib.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
А. М.				da .		1.3		./			,	,		b	civ.eum	,	0
1	1	8	Heuledin	. 3%. by W.	Stok. by N.	2	0		30.39					· t.c.	cum.	6	
2	2	0		"	, ,	2	0		30.40					14	.,	7	
3	1	2			4	2	0	./4	30.41	70	69	67	72			7	**
4	0	6				0-1	0		30.40							6	
		0		No steerageway	Calm	0	0		30.38							4	2
6		0		7		0	0		30.35					-		5	
7	ш					0			30.84							5-	
	м		"	Otest.	Scortle	0-1			30.35							5	
	0				Porth										eir.	10	1.
9	0	3		C4.1.04.	Inith		2-3		30.37					**	cum etia	. 9	1
10	0	3		NOV.		0-1			30.40						-	9	1
11	0	3		10 04. by 94.	FQ.	0-/	2-3	0	30.40	73	72	. 69	74	-	"	8	
Noon.	0	5		Forth	Otest.	0-1	10-15	0	30.40	73	72	69	74	-		8	1

40.5 Dietare new by Log. Course and distance made good since preceding noon by observations, \$322 94. 36 knots. tenths. 280 181 1.11 Latitude by D. R. 62001,94.11 Longitude by D. R. Position at Noon: Latitude by observations of ⊙ 28018 18. 11 61052.94." Longitude by chronometer from Forenoon Observations of O Position at 8 A.M. {Latitude by D.R. func Noon

Longitude by Observation ©

Position at 8 P.M. {Latitude by D.R. func Noon

Longitude by Cheremeter from Afternoon Observation © 28016.1.11 61:052,81. 27 049.1. " 61059 94. 11 Current during the time, 8 knots tenths per hour, setting to the Gast 6 053 . 94. Gav., ship's head 4. 1/4 9. 3 23 9. variation used, 7000 %. Deviation of the Compass by Azimuth O observed at 80.00., ship's head ... 6 . 37 . 94. " Deviation of the Compass by Azimuth O observed at # 30%, ship's head variation used, 7 001 . %. 0 07 94. Water expended during the preceding 24 hours, 400 gallons. 640 Water distilled during the preceding 24 hours, 840 Water remaining on hand fit for use at Noon, / tons 80 Coal consumed during the preceding 24 hours, 153-1430 Coal remaining on hand at Noon,

		-						1									
P. M.	2	5	Hauldin.	F. g. e4.	Otest.	1	2	/2	10.39	73	72	69	74	be.	cir. eum.	5	£
					6	2-3	2-4	1/2 3	86. 0	73	74	70	74	ве.р.	mint.		
					91. ly 1.									b.c.	cir.cum	6	٠,
4	4	6	43.9		ű.	3	4	1/2 3	30.37	73	76	71	74	4	atral		
5	3	3	47.2	Fly 04:/2 04.	Olect.	3	4	1/2 2	10.34	78	74	69	74	4		9	P.
6	4	2	51.4	9.90.	Of by of.	3	4	1/2 .	30.34	72	73	68	74		cia cum	9	
7	3	8	56 2	PO1.	19. ly 06.	3	4	1/2 3	10.32	71	72	67	74	/.	circum eum.	7	
8	3	3	68.5		A 91. ly 81.	3	4	1/23	30.30	71	72	67	74			7	٠,
9	3	4	62.1	991.1201		3	4.7	1/23	0.00	71	71	68	74			7	مد
10	8	16	65.7	991. ly 01.	Stop by st			1/2 3							*	7	
11	3	8	69.5	991. by 94. 9/4 94.	., 0	3	4.7	1/23	0.33	71	71	68	74	"		7	**
Mid.	3	4	72.9	Q1. S. Q.	·	3	4.7	123	0.43	71	71	68	74			5	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 40.0m

Fair and pleasant. Eight aire and breeze from 4 th by th. Clonds passing mu fine I'd. and chis. Phip on course 9th by th. (pc) rude git, for topmast staysail, forwails topsails and topgellant early, with backy aternagurar last how. Tong carll from 4 th ch is which ship solled raisely and constantly. Distilling with banked free wide bales to.

Willaperton. Lieutenant Q. & Dr.

Ocom 4 to 8 a. on.

Calm, warm and pleasant. Long will from Not No eteraguray. Under same sail as in preceding watch. Distilling with frier banked under briter B. apprentice at the wheel.

Gen Roeally Trentenant Ql. 9.9%. From Merid to 4 49k.

Chairm and clear. Long will from Not. Balow to light aire from Birth and FN. hauling to Obert at end of watch. all 900 est aparter and changed conner to Keel Dougratine of magazine, forward 70° aft 70°. At 9. so mustered at quarter for important and dilled as following 4.5 to 18. so, Birth watch, infantry. Flind watch, pictole. 10. 45 to 11. 45. Frish watch friede. Third watch, infantry. At 11.15 um elly to Turk heading I by 81. on standard tack. At 11.45 act wycle, flying jit and mauriail. At close of watch on standard tack, by the winds under plane each, with single well in mauricid. Distilling with banked free rude like "B". Conver Over

Herdeformery U. Leylow Crum Merid. to 4 9 M. Oneign U.S. 9. Cheign & F. W. Blody but pleasant. Sight air from Chest to gentle brey from Ch by V. Barometer falling. Fruit watch dilled in Breadwards from 1.16 to 2.00 and Infantry 2.15 to 3.05. the French watch in Infantry from 1.16 to 2.00 and Pixtole from 2.15 to 3.00, and all watches drilled at arm and away all Books at 3.15. Virdu all plain sail to royale with a single reef in manisail by the winds on the starbrad task. Pub was petent by at 3.00 reading 38 s. Evaporating with bankel frie under bile 16. Appendicie at what.

bloger Chelles for Eurige Mr. 8.92 From 4 to 8 P. 91. Cloudy and pleasant. Gentle begy from Chest to N. V. by H. Lea smooth. At 60 clock fuled enjate sent drue enjate reads and stoned flying job. At end of watch under all plane will to typgallant ends, close haused on starboard tack heading F. V. Smue West. Distilling with banked few under boles B.

H. I Coleman From 8 Par to midnight. Every and pleasant Sently been from I by I hauling to it I by I. Bright morning to it I by I. Bright morning to it times by passing accuse from I D. Phip volving easily to long and from III. I brish of the plain and to top gallant acute, weight suight out in manimit. Distilling with banked free under boiler 15. Willaperton,

Examined and found to be correct.

J. B. Molling, Tuntarant Ol. 9.96

Leitenant U & N.

LOG of the United STATES

This Essex Third Bate, as from Newyport Q. I. to Charleston S. C.

			Reading		WIND.				BAROMI	TER	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	P. Das
Hour.	Kuota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in D	Occompany Parks Po
. М.	1111	ul						,									
1	8	1	76.0	994. ly W. /2 94.	IN. by N.	3	47	1/2	30.88	71	71	68	74	b.c.	cir cum	8	d
2	2	8	78.8	39. Was 3/404.		2	4-7	1/2	30.32	71	71	68	73	•	**	6	ŀ
3	8	0	81.1	Ox. 904.	A. 186.	2.3	4-7	1/2	30.32	71	71	68	73			6	ŀ
4	4	3	85.4	01.0/48.	A by 94.	2-3	4-7		30.32						4	6	ŀ
3	2		87.6	OL:14 9.		2	6	1/2	30.32	71	71	68	74			6	K
6	3	6	Harlin.	Of est.	North	2.3	5	1/2	3032	71	70	68	74	*		6	ı
7	3	0			••	2-3	5	1/2	30.82	71	70	68	74		Cecon.	7	П
8	1				A h, E.	1	5	1/2	30.33	71	71	68	74			8	
9	2	0			North	2	0		30.35						-	7	Ŷ.
0	,	5			**	2	0		30.27							7	í
1	,	8				0-1	0		30.39							6	-
on.		5		-		0-1	0		30.40					**	~	7	ı

73. 2 Distance run by Sog.	
	64 knots. tenths.
Latitude by D. R.	27 ° 29 ' 1. " 62 ° 36 ' 1. "
Position at Noon:	
Latitude by observations of O	27 0 26, 11. "
Longitude by chronometer from Forenoon Observations of O	62008 94. "
Position at 8 A.M. Longitude by D. W. from Nom	27 028 . Nr. "
Congitude by Osewation O	62028,94."
Position at 8 P. M. { Latitude by S. R. fine Norw Afternoon Beewaterno	27 022 14. "
Congitude by Chronometer from afternoon observations	62 0 58 .94. "
Current during the time, 4 knots tenths per hour, setting to the 9.42 &	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 '
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	, , , , , , , , , , , , , , , , , , , ,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	F80 "
Water remaining on hand fit for use at Noon,	/320 "
Coal consumed during the preceding 24 hours,	/ tons — lbs.
Coal remaining on hand at Noon,	152 - 1430 -

М.		-	p	94.9.94.	LOUIL	12-		1/2 3	/ .	J	wel	~-	74-	1	cir. strub		2
				(M. A. A.	19. ly st.										our.		
2	0	5				2	2									7	*
3	2	3		Ok. by S.	A by Ox.	2-8	2	12 3	0.40	75	74	70	75	44	*	7	•
4	2	1	de	Oh. by S. Otest.	4 orth	3		1/2 3							1.	4	
ū	2	4				2.3	3	1/2 3	0.40	70	72.	69	75		cir-cum.	6	9
					*	2		1/2 3								4	H
7	0	5			~	1	1.6	1/2 3	860	72	72	69	75			6	-
8	٥	5				0-1	3-6		0.38						4	8	
9	0	5				0-/	0		0.35							9	ŀ
10	0	0		to decraquiay	balm.	0	0	0 3							none	10	•
11	0	0		No steerageway		0	0	0 3							44	10	
id.	0	٥				0	0	0 4								/0	

Commander F. V. Dickins under the command of Friday, March 23

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.M.

Light to genthe breen from N I by N to I by N. Frair and pleasant.

Bright mornlight Ling evill from Nid and Vid. Passed relimence patcher of eva word. Full and by m starboard tack, under all plans sail to topgellant early ways a engle neef in the manisail. Distilling with free branked under lines B. apprentices at the wheel.

From 4 to 8 a. M. Sight airs to gently bress from Nby W, North and Nby & Elear and splearout. Elight airs to gently bress from Nby W, North and Nby & Elear and splearout. Elmoy at survive but claims after. A 6.45 consed some years and set noy ale and flying job. Have we patent light 6.00, neading 87.6, ming to contact friling. Pessed many patents of wide Welne of water on course Held under plane soil with single net in mainsail Distilling with banked five under biles 18. Lieutenant Q. J. M.

Moderney W. Leylor Energy a. F. W. From 8 a. M. to Merid Eloudy and warm. Eight airs and breezes from North to calm Barmeter neing. At 9.00 mustud at quarters. At 9.45 had general quarters, the Dinims reporting as follows: Downed Goods Dinims noise 20 ace. Engineer Dinim in 1 min. 40 acc.; after Ponder Dinims 1 min. 50 acc.; surgeston Dinims, 3 min. 5 acc.; 3 min. 5 acc.; 1 Dinims of acc.; 1 Dinims of acc.; 10 Dinims. 3 min no acc. A 10.26 when securing, the Dincine regented as follows: the 2rd Dincin in 2 min. 10 acc.; the 3rd Dincin in 2 min 20 acc. the Naigatrie Dincin in 3 min. 10 acc. the after Powder Dincin in 3 min. 20 acc.; the 1rd Dincin in 4 min. 40 acc. and the Forward Powder Dincin in 4 min. 40 acc. At 10.34 rang five bell, the Durume reporting water as follows: Navigative Division in 15 sec .: Engineeric Durain in I min 46 sec. Couder Durain in 2 min. 15 sec. 3rd Durain in 2 min. 46 sec. ; 1d Durain in 2 min 46 sec. and 24 Diview in 2 min 56 sec. At 10.30 hauled up consel and at 11.00 hauled down flying jt and for topment staypail and exiler. At end of watch under wyale, topgallant early, topeaile and git. Come West. Distilling for aligh aw inth banked frew under both to appoint in a while & to Grupply (Bako) reported the regulation of lettern of existences. I emperate the requisition of the most of existences.

bloger Welley Ir Orm Mend to 4 P. M. Bleav and pleasant. Eight aire to queter breeze from NOV. by A. to North. Bad instruction for 1 of and while wither as follows: from 2.15 to 2.00, 2 nd watch bread evends: 3th watch, infanty: from 2.15 to 2.00, 2rd watel, infacting; 3rd watel broad ewords: from 3.15 to 3.45 general exercise respired topesails. At 2 pm. cet conser flying jet, for topesails topesails and against all self main and migger topesails topesails at each of watels under all plain exist to regals with main and migger topesails except single respired mainsail, on come Greb Distilling with banked fire in boler B. n. J. Colman

Oum 4 to 8 9.00.

Greign Q. J. Or. Elean and pleasant. Fight air from North. Ten amorth. Underste aurel from N. W. At 60 close hauled down to get main and musque topmant staymails, took in royale and and son down on all glaim sails to toppassant sails everpt as engle reef in manual. Distribute with frie bryled reds books B. H. B. Murphy (Barber) and this clay dicharges from the Clavel Fernic by resem of expiration of relitment VII Caperton. Since I M. Dich. to Brief. E. M. E. M. E. Dich. & B. Dich. & B.

Calm, clear and pleasant Moderate sail from Ad. and Old Okon rose at 8 22 Fork in the epaches at 8 50. Ander same sail as at the end of preveding witch except apacker. Distilling with free banked under briler B. apprentices at the wheel.

Examined and found to be covered.

Gen R. Oune Lecutement Qu. In . B. Me clow, I Lieutenant Ch. S. D. Mangeton

LOG of the UNITED STATES

Third Rate,

of the UNITED STATES Thip Essex The Making spassage from Pleusport R. J. to Charleston S.C. A. ly 84. 0-1 2 0 3034 71 71 69 74 2 Hauled is 0-12 0 30.84 71 71.69 74 9 " 6" 0-1 2-3 0 30.34 71 71 69 74 0 5.7 0 30.34 7171 6974 0 30.84 71 71 69 74 6 " 0 30.33 71 71 69 74 0 3 0 30.23 71 71 69 74 0 3 4 30.33 72 71 69 74 0-1 3 N. N. Cl. 0 3 Calm 0 30.84 72 71 69 75 0.1 3 1/2 30.35 72 72 70 75 A by &. 1/2 30.86 73 73 71 75 0-13 11 0 / 0-13 1230.37747471 75 9 Noon. 0 3 ..

12. 6 Distance new by Log.

Course and distance made good since preceding noon by observations, Jy72 94.

(Latitude by D. R. Longitude by D. R. Position at Noon:

Latitude by observations of O

Longitude by chronometer from Forenoon Observations of ©

Position at 8 A. M. { Latitude by D. R. Jan Now Longitude by Observation O

Position at 8 P. M. Latitude by S. B. from Lorn Efternon Obscuration Of Languinde by Cherameter from afternon Obscuration O

Current during the time, 11 knots tenths per hour, setting to the \$22.20. Error of the Compass by Azimnth @ observed at 80.92 . ship's head . \$4.12 94. Deviation of the Compass by Azimuth @ observed at 72.9%, , ship's head ...

heror of the Compass by Azimnth O observed at 4.30 Muship's head 9 W. by W. Deviation of the Compass by Azimuth O observed at 4 30 Pk., ship's head

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours,

Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

23 knots. tenths. 2702211. "

62.054.94. "

27 032 . N. " 62 958 . Ch. "

27 623 . 1. " 62057, 8. "

27029.16 "

63.03, 4. 11

4.23. 24. variation used, 5000 %. 2 23 06

4 34 . 04 " 1 39 %. variation used, 5 00 . 9.

400 gallons.

880

1810

/ tons 320

151- 1110

**********	7	1				-			1								
P. M.									1					,			
1	0	4	Beldi	9.9.9.	S. N. Ob.	0-1	0	0	30.36	74	74	71	75	be.	citaum.	9	23
2	0	5-		994. by 24.		0-1	0	٥	10.14	73	73	71	75	4.		9	
3	0	4		9.9°01.		0-/	0	0	30.34	70	73	71	75	44	-	9	4
			٠.	991.	-	0-/	0	0	30.82	73	73	71	75		1 . 2	9	4.
5	0	6	٠.	9.04. by 84.	N 94.				30.32						none	10	L
				No sterageway	balm.				30.32							10	
			**	.0 0		0	5.7	٥	30. 32	74	75	71	74				
				4.					30.32						4.	10	-
					**				30.32						cum.	9	14
				- 122					30.33							4	
				.,	-				30.34							5-	
				Exect.	E. 8.				30.34						or cur.	5	
1		y -					٠,			′	'	1					

M. J. Coleman

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. ON.

Bleav and pleasant. Bright movelight balow to light are from N by W. No attenagency last home Distribuig with five bauhed under briter B. Under all plain sail to toppetent walls, so up appeared and a single rest in maintail.

The or of the second of the

Severally clear and pleasant. Calm light aim from N. N. M. last hour. Baroneter attacky. Cinder all plain sail to top a clearly except aparter and a enigle neef in maineail. Distilling with fire banked under bales B. apprentice at which

From 8 a. M. to merid

From 8 a. M. to Marid

Rogar Weller for Some 8 a. M. to Marin and warm. Ealer to high airs from 4. by 86 Barranter riving brew and appendicis engaged brightning deals, laddew and gratings and cleaning paint work. At 10.20 o clocks lanced life book add allowed appendicis to go in bothing one watch at a time. At 10.50 horized life book and stook by haumocks. Called to quature at 10.65 and inspected appendicis hammocke and bad all hading tucid up to air. It end of watch under all plane earl to topy allow early expander and a single need in maineail heading It by I. Emnes West. Dittilling with backed fire in bale B. Emperatur of magazines 12 forwhed, 19 aft.

Crow Merid. to 4 PM.

Chair warm and pleasant. Calmo and light airs from Mr. Burrer Oi est (p.c.)

This steering on starband tack with backy steerageway. Will Amyshy in enlisted for three years as
a Landeman. Ferred on I obthing and emall stone. This rudge show eail as in preceding watel
Distilling with banked free under biller B. appendice at the wheel during water.

Trentenant Ql. F. OK. Oum 4 to 8 0. IN. Calm clear warm and pleasant. Ftailight last hour. Ling ourle from Na and Nd. at 5.45 houled up concer to preven chafe. Distilling with free banked under Boiler B. apportuein at the while at the wheel.

From 8 9 m. to Brid.

Gentlement Or. S. Ou. Livitenant R. & R. Se. Sear and pleasant. below and no steragency first three hour light airs from 5.4E. last half bow. Every new at 9.15. Bright morninght the close of watch or course Vert under toperally, topgethest early for tremain stoyeast and jet. Distilling ents banked free under boiler B. Eng certe from the and Old.

Aboutgonery the Laylor Energy a & 2

J. B. Molton Seutement Ol & R

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Newport R. J. to Charleston S.C.

6		1		0 0	WIND.				BAROMETER	TEM	PERA:	URE.			lear he.	Sea.
Honr.	Knota.	Tenthe.	Reading - of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther, in inches, att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.	2		Kanedia	Chest.	₹&. 4.4&	'	0	0 0	30.32 72			٠.	fe.	cum.	5 7	S.
3	0	6	-			1	0	0	30.00 71	71	69	74	.,		8	
4 5	0	2			4°. 6.4°.	1	0		30.2971	71	68	74	b. be.	cum.	9	
6	1	6	-		€.₹ €.	1-2		0	30.2971	71	69	73	**		7	
8	2	2	1: 1		-		7-10		30.32 71	73	70	73		ptrat.	9	8.
10 11	2	2 4			-	2		0	30.35 75	74	70	74			9	
Noon.	2	4	1)		••	2	2-3	0	30.35-75	76	71	74	•	•	9	-

22 0 Dietaun neu by Sog	
Course and distance made good since preceding noon by observations, \$6429.	23 knots. tenths.
(Latitude by D. R.	27 0 27 . 4. "
Longitude by D. R.	63 . 22 . 91."
Position at Noon: Latitude by observations of ©	27 0 42, 4. "
Longitude by chronometer from Forenoon Observations of O	63 0 18,9%."
Position at 8 A. M. (Latitude by D. U. Jenn Now	27 . 43 . 1.
(Longitude by Valuation C	68 007 1 94. "
Position at 8 P. M. { Latitude by S. R. from Now	27 033 1 4. "
(Longitude by Gunumeter find Oferina overwhend	60 0 40 · W. "
Current during the time, /5 knots tenths per hour, setting to the J. 13 &	5.58.04
Reciafton Error of the Compass by Azimuth O observed at & A.M., ship's head Q	3 27 %. variation used, 6 00 %.
Deviation of the Compass by Azimuth © observed at	o by or. variation and, o co
District Confession by Assessment Confession	o variation used, o
Deviation of the Compass by Azimuth © observed at , ship's head Water expended during the preceding 24 hours,	#00 gallons.
Water dustilled during the preceding 24 hours,	865
Water remaining on hand fit for use at Noon,	2265
Coal consumed during the preceding 24 hours,	tons 23 20 lbs.
Coal remaining on hand at Noon,	150 - 1030 -

	-	F			1				1	_ wange	1			1	
P. M.	10	6	These in	9 mg	£6.	13	2.4	٥	30.85 75	76 7	174	be.	Co's: Cases.	6	m.
									30.35 75					6	
				*	9.9€.				30.35 74					4	
4	2,	8			3+				30.24 73					4	
5	3	0	- 1	*.		2	2-4	0	30.34 73	74 7	10 74	-	~ -	4	-
6	3	1		-					30.84 72				ar. etial.	6	
7	3	5	89.1			8	2-4	0	30.32 72	72 6	9 74			7	1
8	4	0	93.3	60		9	2.4	0	30.31 72	716	974		cili ouou	8	
9	4	8	97.6	**	9. by &.	3	2.3	0	30. 32 72	72 6	# 73		shak.	8	
10	4	1	1.7			3	2-3	0	30.32 72	726	8 73			8	
11	4	4	6.1			3	2.3	0	30. 82 72	72 6	8 73		**	7	4
Mid.	4	0	10.1	,					3032 72			-	**	7	*
												-			-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Senerally clear and pleasant. Fight aim from E. F.E. to F. F.E. Barometer falling. Under topogallant scales, to peak, jet and for topogast stagnail, on course these. appendices at what. Distilling with banked fries under boiler B.

Roger Welles L. S. W. Ensign W. S. W. From 4 to 8 a.m. Sheepen to 5.46.

Sheepen to 5

n. A leol sman Ensign Ob. 9 Greign U. J. Ok. From 8 a. On. to Merid.

Shear warm and at 9.46 the Captain inepected chip and crew at question at 10 to 30 act apaction of directions and at 9.46 the Captain inepected chip and crew at question. Ot 10 to act apacter read troopid and man and migro topmast staysals. Ot 10.40 eres at two masted echower braining about the standing to the visit and Ed. Filly on crewe Okest (g. e) and at end of weter braining all plans early to the visit and man and migro topmast staysals swap frying jit and engly refer mains call the wheel steering align. Dietelling with free branked under Bother 13. Semperature of magazines 72° forward, 72° aft.

Will aperton. Oum Merid. to 4 U.M.

Seetheart 16.4. R. Statle to light been from \$6. arring to \$.76. Paitly cloudy and pleasant. Onoderate awill from Ist. and this By order of Commanding Officer changed concer at 12.40 to Otred by Inthe (Ity I) per Standard at 12.40 to Otred by Inthe (Ity I) per Standard at 12.40 to Otred by Inthe (Ity I) per Standard at 12.40 to Otred by an answer. At 2.40 person are included as including of the other of the Ity and the Inthe International angular of the Ity and Ity I are and I are the Ity and I are the International angular and I are manual. Sicilling with free backet under brief I Copyrection at the while biles B. appention at the while.

Gentleste Trentenant M. J. M. Orum 4 to 8 4.90.

Clear and pleasant. Gentle bress from 9.96. At 6.40 per our patent log reading 87.6. Bright starlight bash part. At close of watch under plane each to royale four, main and muggen topment starpails and main topaid, on course & by 9. Distilling with banked free runder boiler 16.

From 8 P. M. to Orid.

Show and pleasant. Gently been from I by E. Barometer steady. Under all acid weept are enjoyed from the content of and the content of an enjoyed and wall acid weept from the content of the state of the content of the state of the content free underboler B.

Ruger Clalles Jr. Ensign M. F. M.

Examined and found to be correct.

J. B. Mo ilton, Navigator. Sientenant G. F. M.

			Reading		WIND.			BAROM				URE.	State of	Forms of	Clear Abs.	o Sea
Honr.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Height in inches.	Ther. att'd,	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea. Sky, in 10ths.	State of the S
. м.		6		OI 1 A	F. F. E.	,	2.4	1/4 30.02			1-	~	b.e.	civ eum	1	9
1 2	4	2 4	14.3	Ot. by 9.	J. J. G.	3	2.4	1430.32	71	71	68	73	v.e.	"	6	1 "
3	4		22.9			3	2.4	1430.32	71	71	68	73			7	
4	4	2	27.1			3	2.4	1430.00						*	6	4.
5	4	٥	31.0			3	2	1/2 30.30					-		6	-
6	4	0	34.3		~4"a	3	2	1230.30							6	
7	4	2	38.5		9. by 6.		3	1/2 30.29	71	71	69	72		atrat.	8	**
8	4	4	42.9		••	3	3	1230.28					-		9	ľ
9	5	6	485			4	3	12130.32					**		9	
10	S	4	53.9		~	4	3	1230.31	72	73	70	72	4		9	1.
11	6	0	599			4	4	1/230.82	1 72	73	70	72	^	1	9	-
oon.	6	9	66.8			4	4	1/2,30.30	172	73	70	72			9	II.

991 Dist	and me by Patent Log.	
Course and distance	e made good since preceding noon by observations, \$80° %.	97 knots. tenths.
	Latitude by D. R.	27 043 18. "
Position at Noon:	Longitude by D. R.	65 001 194 "
Position at Noon:	Latitude by observations of ②	27 0 27 . 1. "
	Longitude by chronometer from Forenoon Observations of O	65006, 94. "
n	Latitude by D.R. from Noon	2703511."
	(Longitude by Coat/Oracina C	64036,91. "
	(Latitude by D. R. fum John	2701614. "
Position at 8 P. M.	(Latitude by D. R. f.m) Lorn (Longitude by Chromoster from afternow observation o	65049.21. "
Current during the	time, 17 knots tenths per hour, setting to the U. 17 º 94.	,
Error of the Comp	ass by Azimuth O observed at 8 Q.M., ship's head W. 3/4 S.	4 . 30, 94.
Deviation of the C	ompass by Azimuth O observed at FA.M., ship's head	3 000 W. variation used, 5 000 W.
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	, и
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	o / variation used, o
Water expended de	aring the preceding 24 hours,	400 gallons.
Water distil	led during the preceding 24 hours,	716 "
Water remaining of	n hand fit for use at Noon,	2680 "
Coal consumed dus	ring the preceding 24 hours,	/ tons 240 lbs.
Coal remaining on	hand at Noon,	149 - 790 -

P. M.	6	0	72.8	Os. by F.	Porth	4	8	3/4	30.30	73	74	71	73	b.c	cir um.	9	<i>7</i> ⁄w
2	6	7	79.5	04. 9. 14 94.	"	4.5	7	1/2	30.30	73	74	71	73			9	
3	5	8	85.8	ON. F. 24. 12 94.	**	3.4	7	1/2	30.30	73	74	71	73			8	-
4	6	3	906	**		3.4	7	1/2	30.30	73	74	71	73		-	6	
5	5	2,	95.8	r	**	3	7	1/2	30.30	72	78	71	73			8	
6	4	9	100.7		44	3	7	1/2	30 29	72	70	71	73			9	
7	4	o	4.7		**	3	5	1/2	30.28	72	73	71	78			4	
8	å	8	8.5			કે	5-	1/2	30.28	72	73	71	73		(-	8	**
9	6	4	13.9	OX 9 0 1/4 OX.	.,	4	5	1/2	30.28	72	73	71	73		-	9	.,
10	5	9	19.8		*	4	6	1/2	30.28	72	73	71	73	b.w.	mar_	10	.]
11	6-	7	25 5			4	6	1/2	30.28	72	73	71	73			10	~
Mid.	5	5	310	Q 8 04 /2 04.	**	4.5	6	1/2	30.26	72	72	70	73			10	
1																	

W/Dlaperton

Chidnight to 4 a. m.

Cludy and pleasant. Tentle breeze from F. F. Barometer rising. Bright montight. I morth sea. At 2. a. to se eighted a back on jour braw about 3 miles distant heading to Ed. At end of water under all plain each to engls eraph engle neef in mameral all topmark staypails and man trypails on concer & by F. Distilling with backed free under briler B.

n. P. led sman Ensign Ql. & Q. Osum # to 8 a. In. Frais to clear and pleasant. Gentle beezes from I. F. and Fly E. Thip or course Q. by F. (pc) under same sail as in preceding water . appendices at the whielsteering ship. Dilating with fire banked under boiler B. Fla smooth. Cleaning blyes forward.

From 8 a. M. to merid.

4,18 Lieutenant U. J. M. Protecte breen from I be a blear warm and pleasant Involve are Phietical crew at quarter at 9 30 During 1st print home 9 45 to 10 so exceed all baads at refing topicals. Columb up light iall took took ture single refer them a close reef in the topicals affected abook not the refer and made all sail except a eingle reef in the manusal. During independent instructed 1st water at vails and egast and industrial at manusaphe, sailmaking and signals. Engineer department change hilps. Duartel Brand of Thury, coursely conditioned by the st sails and of Thury, coursely conditioned by the st sails and contained to the thorner ordered. Thanks a conditioned by the st sails and to sail to be thought ordered. Thanks a conditioned by the state of the sail sails and considered to the sail of the sail sails and to sail the sail sails and the sail sails and the sails are sails and the sails are sailed to sail the sails are sails as the sail sails as the sail sails are sails as the sail sails as the sail sails are sails as the sail sails as the sails are sails as the sails as the sails are sails as the sail sails as the sails are sails meat use thinw orrhand in accordance with the Boards recommendation. Board began quarterly examination of appentices. appentices at the what . Distilling with fire banked under briles B. Demperature of magazine 74° forward, 73° aft.

Lieutenant Q. J. Or From Oriend. to 4 G. On. Clear and pleasant. Products to guthe buys from Firstle at 12 40 changed concer to & For 1.6 W. 16 to took in main and myzer topsward staysails. Sion 115 to 2.15 dilled 2. Leated at malunespile and 3. Leated at match at grunning. There 3. 3. 50 to 4.00 dilled 2. Leated at later and and log and 3. Leated at grunnative at close of nation of concer & For 1. 50 to under plain and and for topmast staysail and main trysail, units a single rest in manusail Distilling with banked from under bright of a present and whal.

George Ol

Houtgonery Mr. Langler Energy RU & & From 4 to 8 4.9%. Severally clear and placeard. Idently been first Index all plain said to regale enrept a single rule in the manuait on course ON IN/12 M. (p.c.) appendixes at what Dictilling with banked fire runder Birler 16.

Roger Welles Jr. Ensign Q & S. From & P. M. to Pindrught.

Cheeve and phrasant. Phoduate to otif breys from Firsts. At 11.0 clock fund regress and stand
flying jet. Thom row at 11.15. At end of watch under all plans sail to tragallant saile exapt a single neglin
mamond, with many trypois, on once O. J. W. Distilling with banked free under biles 15.

Examined and found to be correct.

M. S. Colsman Ensign Ch. J. M.

J. B. Me illow, Navigator. Lewtenant W. J. R.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Occupper a.S. to Charleston S.C.

			Reading		WIND.				BAROMI	ETER	TEM	PERAT	URE.		Forms of	Clear Mhs.	e Sea
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear 8ky, in 10ths.	State of the Se
А. М.	٤	-													esia.		
1	4	7	35.7	Q. 9 2. 3/4 QL.	Firstle	4	7	1/2	30.26	72	73	70	73	b.c.	cum strat	9	M.
2	5	3	41.0	% by 8.	,	4	7_	1/2	30.26	72	73	70	73			6	
3	5	5	46.5	91 .**	g. g. q.	4.5	7		30.25					be.p.g.	cum ainist	. 1	
4	3	5	51.0	Heil.	Fuel	4		1/2	30.26	72	72	70	73	b.c.	ciri eum.	5	
5	4	0	55.0	Of . 9 3/2 3/2 Of.	4	4	5		30.26					-	etial.	8	
6	4	2	69.2	91.591.12 QL.		4-3	-		30.25						eir teum.	5	1.
7	4	6	63.8	O4.3/4 Jr.	g. gn.	4			30.25					*	minb.	4	
8	4	1	67.9	Ot. 1/2 st.	9. ga.	4-3	5-	1/2	30.27	72	72	70	73		10	6-	
9	4	1	71.0	OH. ly 9.	Fly W.	3.4	5	3/4	30.28	72	72	71	70		Cir. cusus	6	
10	4	0	74.1	Q1. 1/2 of.		3.4	5	3/4	130.27	73	73	72	73			5	~
11	4	2,	76.0	Of. 1/2 St	9.9.01.	3-4	5	3/4	130.27	73	74	72	73	-		76	~
Noon.	4	0	80.0			3.4	5	3/4	30.27	74	74	72	73		. "	6	~

117.4 Dista	uce run by Patent Sog.	
Course and distant	ce made good since preceding noon by observations, \$ 792 \$.	//7 knots. tenths.
	Latitude by D. R.	117 knots. tenths. 27 ° 03 ' N. "
- A	Longitude by D. R.	67 ° 04 ' 94. "
Position at Noon:	Latitude by observations of ②	27 ° 05 ' N. "
	Longitude by chronometer from Forenoon Observations of ②	67015'04."
D 00	Latitude by G. R. from Noru. Longitude by Francisco O	27005'."
Position at 8 A. M.	(Longitude by observation O	66° 50' %. "
D-141 0 D M	(Latitude by D. R. from Now	27 °03 'N. "
Position at 8 P. M.	Latitude by D. R. fund Norm afternoon absuration o	6 yo 44 . W. "
Current during the	e time, 10 knots tenths per hour, setting to the \$1780	જી.
Error of the Comp	oass by Azimnth ⊙ observed at , ship's head	0 '
Deviation of the C	compass by Azimnth ⊙ observed at , ship's head	variation used,
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head	- "
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	variation used,
Water expended d	nring the preceding 24 hours;	400 gallons.
Water dutill	during the preceding 24 hours,	620 "
Water remaining of	on hand fit for use at Noon,	2800 "
Coal consumed dur	ring the preceding 24 hours,	tons /520 lbs.
Coal remaining on	hand at Noon,	158" 1510 "

Р. М.									1								
1	3	9	83.9	043/4 Jr	9.99L	3	5	1/2	30.28	74	75	72	73	b.o.	cir. wan	. 8	M.
			86.5			a	5	1/2	30.26	75	75	73	73	4		9	
3	2	1	88.6	Ol 1/2 N.					30.25								
4	2	4	886	**		2	5	1/2	30 24	75	76	73	78	-	40.5	6	
5	1	9	90.4		Fly W.	2	5-4	3/4	30.24	73	74	73	73		in our	6	
6	0	6	910	Ql. by St.		20	5.4	9/4	30.24	73	74	73	73	beg. y.	mish.	4	
7	3	6	91.0	golly &	North.	4.5	5.4	3/4	30.27	73	71	70	73	1-			
8	4	0	92.9	લ કેમ					30.27							0	
			Hauledin		16. by Jv.				30.29					6.00	cur remb	.4	Cat
			4.											0.09	runt.	0	1.
11	5	2,							30-31								
Mid.	6	0							30.32								

Geo. R. Clark,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.m.

bleav to fair frist two hours. Eight passing raw aquall from F. F.M., cleaning away last how. Owodwate to stiff beyn from South. Conce D. F. P. V. (gc) Thep eterning "full and by "on port tack under jet, for toynach stayeall, topgallant each topsalle, foreall, emple refed markeall, man trypial and expender. Thoyard distilling at 12.15 and allowed from to die out under biler "B". apprentices steering ship. W. K. Caperton

Leutewant Q. J. N. Moderate to gentle breeze from Suith, vering to I. I W. Clondy, with heavy rain aqualle on horizon to Id. Prainbow we eight to Old. at y 20. Thodewate swell from I'd. and Old. Gull and by on just tack under same sail as in speceding watch. appendices at the wheel.

From 8 a. On. to Merid.

blear and pleasant. Gentle to moderate breeze from I by the 5.5%. At 9.30 musticed at quartees much afterwards had battaline drill till 10.45. Temperature of magazine 75° found and 73° aft. At class of writely by the wind on port tack under plain each to toppallow early for toppush stayout and main trysail, with a single ref in the mausail. apprehence at the wheel

Morletmery to Berylur

Crum Merid. to 4 9.8%. Charley Sentle to high been from I 90. Barmeter falling Appendice were instructed as fellows: the first vertel maliculpite, calmaking and eigenle from 1.15 to 2.15; genery from 2.30 to 3.15 and organization from 3.30 to 4.00; the third watch early and appear from 1.16 to 2.15; genery from 2.30 to 3.15 and organization, lad and log from 3.30 to 4.00. At 1.00 act organization of from 1.16 to 2.15; genery from 2.30 to 3.15 and telm, had and log from 3.30 to 4.00. At 1.00 act organization of from light like 3 chord up main toggallant sail and avail of Invad toggall on the cap and one of our logical hallower, making all immediately afterwards. A end of watch under all plain sail to royale, with angle seef in manual by the which on the port tack. Seven Ob 9.0. Of ye appendice at the which Brand consisting of Exercitive Offices, baryater and Odurum Officer sugardineranium appendice.

Roger Weller, h. Firm 4 to 8 P. Mr. Squally and thereting with shows of rain at times. Fight beye fine I by I first two hours shifting to moderate to stiff buye from North Bowenster rising. also close fund high early took in maurail main trysail and sparker and took tue single refe in thereals and headed off to I. I I to shift of und fund from both . At 6 40 al manual . At 7.00 est sparker and main trysail . At end of watch under jet, for Expensed etayorib, tograilo unto tuo aniglo reefe, foreciel, eniglo reefed manuall, main trysail ruid aparker, on course 4.4.4. 71. V. Coleman

Ensign Oh. J. Ok. June 8 PM. to Orid Orwhol, cloudy, threatening and uncettled weather. It of the bregue from No. by it. Long and rough well from No. and Ed. This orling deeply and frequently; externe well to uninduced 19° to learness 26° A go took in against This or course I I I would at each of watch under some axis so in preceding watch everyt aparter Bounts view slowly. apprentices at the whele steering ship. Examined and found to be correct. Il Raperlin.

Leitewant U. J. M. J. B. Meillou, Sa Navigator. Lieutenaut & Sa.

LOG of the UNITED STATES Thip Essex Thank Rate, Okaking passage from Previous Rete,

	J/L	ay	ung 1	passage fu	ini Gaugeir		.0.0		4	ma	w	s.cr	v '	J. W _.			
	1000		Reading		WIND.				BAROMI	STER	TEMI	PERAT	TURE.			f Clear 10ths.	Sea.
Hour.	Knots.	Tenthe.	of Palent Log.	COURSES STEERED by Standard Compane.	Direction by Standard Compass.	Force.	Hoel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the
A. M.	41	4															
1	5	2	92.0	(4. g W.	1. E. by 1.	6	5.10	0	36.35	69	68	67	73	0·m.	mint.	0	R.
2			96.0	20	. 0	6	5-10	0	30.35	- 69	68	67	73		>+	0	
3	5	2	1.1			6	5-10	0	30.38	68	67	66	73			0	
4	5	4	1.2		**	6	5-10	0	30.39	68	67	66	73	"		0	~
5	6	0	Hauledin		N &.				30.39					0.0.	cum. rui	40	
6	6	3		*	**				30.38					,,	•1	0	2,
7	5	8				7	5-30	0	30.40	68	68	66	73	,,		0	
8	6	4				7	5.30	٥	30.40	68	68	66	73			0	
9	4	6	1.1	Ot est.		6	5.25	0	30.40	68	68	66	73			0	1.
10	6	7	7. 7		**	6	5.25	0	30.40	68	68	66	73			0	-
11			14.9		NE. by E.	6	5.25	0	30.40	69	69	66	73			0	-
Noon.	7	0	21.3		0	6	5-25	0	30.40	69	69	66	73	**		0	-
	,								1	_			-		-		1

124.5	Dietauce run by Log.		
Course and dista	ince made good since preceding noon by observations, 5.66.94.	/35 knots. tenths.	
	Latitude by D. R.	26° 26' N. "	
Position at Noon	Longitude by D. R.	69°32'94." 26°11'Nr."	
Position at Nooi	Latitude by observations of ⊙		
	Longitude by chronometer from Forenoon Observations of \odot $\int\!\!\! J_U$	a observation "	
Decition at 9 A 1	M. Latitude by D. R. from Norm Longitude by N. R.	26 0 31 ' W."	
Position at o A.	Longitude by D. R.	68 0 51 '94. "	
Desistant of C.D. 1	M. {Latitude by T. U. from Now Afternoon observation	2602111."	
rosition at o r	Longitude by Currenter from afternoon observation	70 0 39 1 %."	
Current during			
Error of the Cor	npass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	o variation used,	
Error of the Cor	npass by Azimuth ⊙ observed at , ship's head	c , , ,	
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o	•
Water expended	during the preceding 24 hours,	HOO gallons.	
Water	during the preceding 24 hours,	**	
Water remaining	on hand fit for use at Noon,	2400 "	
Coal consumed d	luring the preceding 24 hours,	tons ———— lbs.	
Coal remaining of	on hand at Noon,	/58 " /5/0 "	

P. 1	M						1-1	1									
		7	3	28.6	West.	16. by 6.	565	. 0	0	30.40 6	9 69	66	78	0.0	tum and	0	R
					"	, w				30.40 6					4		
	3	5	9	35.5	OF NOT.	,				30.39 6							
				50.3	"		5.6 5	-/0	0	30.39 6	9 69	66	74			0	
- 1	5	7	1	67.4	•	٠.,	5.65	-10	0	30.38 6	9 69	66	74	fa .		0	٠.
1	6	7	/	64.5		**	5-65	.16"	0	30.386	9 69	66	74	1+		0	
	7	7	4	71.9	4+	**	6 5	.15	0	30.40 6	9 69	66	74			0	٠.
				78.7	**	**	5.6.5	-18	0	30.40 6	9 69	66	74	'u	*,	0	**
	9	7	2	859	**	rd.	6 5	- 20	0	30.406	9 69	66	74	v		0	٠
1	0	7	0	92.9	**	.*	65	. 23	0	30. 40 6	9 69	66	74.			0	
				100.0	**		6 5	25	0	30,40 6	9 69	66	74	~	.,	0	
Mi	id.	5	7	67		6.16.	5 5	25	0	30 40 69	9 69	66	76			0	

-Rolland,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 W. M.

Tresh breen from N. E. by N., atand in free and devotion. Ourcast and miety. Rough are from Nil. and Ed. Phip wiling at intends deeply bet rouly. Put war yetut leg at (15 reading 92 and hauled it in at 3.50 reading 12, foil with era word. On once Ol. 301. under jet, for topsails tragail, main tryeail, foreail, double respect topsails and aught reefed manuail. apprentices at the wheels

Orione 4 to 8 a. m. Occast and cloudy Light eficts of rain served times. Itiff been from No. This rolling deeply at times to rough also from No. Transmiss and 35° to leward 25° to undersud. At 5 00 took. in main trysail Barmeter vering at clase of watch on conce It . I It indee double regal topsails, forward enigle neefed manusail, for topnack staysail and jet. Appentice at wheel. Montymeny M. Leylon

Ensign Q. G. W.

Thom 8 a. On. to Merid

Orweast and cloudy. Fresh been from NE to NE by E Bacometer steady. At 8.45 changed course from Ph. 9 Ch. to Phelt (pc.) At 950 chook the refe not of the toppach and mainsail, and lauled down for topmast staysail. Greatest will to port was 38°. Friest watch dilled at mailnespite representation and agraes and the second watch at saile and appear from 10.45 to 11.45. Apprentices at the wheel. Desuperature of magazine 74° forward, 74° aft.

Kozer Welles Ja Orom Merid to 4 JM conser from Orecast and cloudy. Treet beeze from N.E. by E. to N.E. At 2.10 o'clock shanged conser from Orech to Or N. O. patent bog nading 37. Founded calle for dille as follow: from 1.15 first 2.16 friet watch sails and expres creek watch mailingspik!, earlunking, eignale: from 2.30 to 3.15, first watch gunney; 2" watch gunney; from 3.30 to 4.00 first watch below blade and bog. Pranger bilger dry. At end of watch work topically, conservant git, on course Or. N. O. Congh are from N.E. Prancinia hold 35.

Prom 4 to 8 P. On.

Chudy theratung and disagneether wrather. Fliff to field breeze from N. S. R.

Bendy theratung and disagneether wrather. Fliff to field breeze from N. E. Dy E. Congh.

ara from Nils and Ed. Flip colling deeply and frequently; Estieme roll to windured 14°, to beward 26°2.

Philip on write Oh. N. M. (pc) under same and as in freeding writer. Apprentise at the whal

From & P. M. to and Break breeze from N.E. by E., moderating load how and orning to E. N.E. Orneal.

Rough see from Nit. and Etc. This while along deeply and chirty. Extreme note to become 00°. On conce (N. N. W. under git, togsails and concee appention at the what. Eventenant M. J. N. Georgeach

Examined and found to be correct.

J. B. Me illin, Navigator, Leutenant D. F. W.

W. Kaperton.

Lieutenant Cl. J. R.

LOG of the UNITED STATES Thip Eiser Third Rate,
OKaking passage from Okentroort a. S. to Charleston S.C.

			Reading		WIND.				BAROME	TER:	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	o Sea.
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8 8ky, in 10	State of the Se
A. M.	žu.					Н											
1	6	5	12.2	QL. N. W.	6. NG.	5-6	5-10	0	30.41	70	70	67	76	0.0.	umb.	0	R
2	8	7	17.9		14	5-6	5-10	0	30.42	70	70	67	76		4,	0	-
3	5	1	I'ml.		6. by N.				30.42					0.e.d.		0	
4	5	٥	Itambel in.		East	4-5-	5-10	0	30.42	70	70	67	76		~	0	٠.
5	5	٥	1						30.40					^	cum wind	0	**
6	5	2			**				30.38					be.p.	nint.	4	**
7	5	6			t _r				30.38						.,	3	*
8	6	0		*					30.38							3	
9	6	8			රි. ඒ රේ.				30.40				75	**		4	٠.
10	5	8	22.8	-	٠.	4-5	5-15	0	30 41	72	71	70	75			4	
11	6	0	28.8		··			0	30.41	72	71	70	75		"	4	-
loon.	6	0	33.9		F &.	4-5	5-19	0	30.39	72	71	70	75	**		4	1 40

153 . 1 Dist	ance rum by Log.			
Course and distance	e made good since preceding noon by observations, J. 742 %.	168 knots.	tenths.	
	Latitude by D. R.	26°53 'N	r. "	
Position at Noon:	Longitude by D. R.	72010 19	t. "	
Position at Noon:	Latitude by observations of @	26059'	V. "	
	Longitude by chronometer from Forenoon Observations of ②	72 036 191	. "	
	(Latitude by D. M. fum) Nom	26 ° 48 'N		
Position at 8 A. M.	Latitude by D. R. fum) None Longitude by Observation 0	72011 18	6. "	
	(Latitude by D. R. fund None	27 ° 27 'N	h. "	
Position at 8 P. 51.	Lo state by Chronometer from afternoon observation o	73 0 33 19		
Current during the	Latitude by I. R. fixed None Long dads by Checumenter form afternoon observation o time. 27 knots tenths purhow, setting to the	1.772 %.		
Error of the Comp	ass by Azimuth @ observed at 4.400.9, ship's head & Ol. ly W.	4 03 9	6.	
Deviation of the Co	ompass by Azimuth ⊙ observed at 4.40 € 12. ship's head	2 03 0	4. variation use	d. 2000 %.
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	2 /	u	
Deviation of the C	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used	d, • •
Water expended du	ring the preceding 24 hours,	400	gallous.	
Water	during the preceding 24 hours,		**	
Water remaining o	n hand fit for use at Noon,	2000	44	
Coal consumed dur	ing the preceding 24 hours,	tons 480	lbs.	
Coal remaining on	hand at Noon,	148" 1030	66	

Р. М.							- 1									
1	4	5 6	98.4	34. 15 92. 16 94. ly 84.	98.	5	5-15	0	30.39 75	75	73	75	b.o.	cir. cum.	6	a
			46.5	6					30.39 75							
3	7	6	64.1		9.98.	5.6	6-15	0	30.89 75	75	73	75	*	-	7	
4	7	7	61.8		8 ly E.				30.39 75							
5	7	6	69.4	-	Inith	5.6	8	0	30.37 75	75	73	78		com stat	8	m.
6	7	9	77.3	4.	9.994.	5.6	8	0	30.36 74	74	72	73		sumh	4	٠.
7	7	6	80.8						30 35 74				0.0.	cum wint	0	
8	6	5	87.9	4		5	6	0	30.35 74	73	71	73			0	4.
9	5	0	92.5	. %. 1	Jog.	5	6		30.2774				0.0.9,		0	
10	1	0	92.5	4. 8. 8. 9. A.	9.99 to 104	5	5		30.20 70				OON.	4	0	-
			Harlet w	8%. ly 9.	A OL.	5.3	0		30.20 70				0.0.6.	4	0	
Mid.	0	5		9.98	Ot est.	. 3	0		30.19 68				**		0	

Roger Weller Jr.

Guega U. F.W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Overcast and clondy, driggling at intervals last two hours. Moderate to fush breeze from E. N.E. to East. at close of watch or course, N. N. N., under topsails, jet and concer.

Wandymeny M. Lengton & J. M. Oum + to 8 a. On. Cloudy with an occasewal passing show. Itiff to moderate buyer from East. At 6 15 cet topgalland soils and royals. At end of wetch under all aquare and get, on concer (N. N. N. (p. c). appartices at wheel.

From 8 a. M. to Merid

Ensign W. F. D. Cloudy with occasional light passing equally of rain Moderate to stiff breys from E. F.E. to F.E. At 9.6 at 8 40 took in regels to equal and set them again at 9.60 sh. At 9.30 mustud at quatter From 9.45 to 10.30 had drill as follows: 1. wortch, instruction in volume, 2nd wortch mailingspile, earlinaking and eignals. From 10.45 to 11.30, 12 watch them, had and log: 2nd wortch mailingspile, earlinaking and eignals. At each of watch ended with eguals earl to work and jit no course of A. A. O. Changle star from 11.6. This willing concentrable: maximum rel 28.2 At 13.0 clook hauled it in found it folls: cleased it and put it me again reading 33.9. Perupuntur of magazine 14.2 forward 74.2 at. reading 33. 9. Desuperative of magazine 74° forward, 74° aft. n. J. Colsman

Dume Merid. to 4 P. M.

There were thered to 4 4.4. Decree it was changed to be by by the Con of the houling to Fly E. This or conce of half and pleasant. Fiff to freely breyer from FE. hauling to Fly E. This or conce of half with 12.46 when it was changed to be by the Co.) At 130 at main and migrou top made stay pails and aparter at 2.30 get jet. Appendicies when dilled as follows during watch of period, 1.15 to 2 Gr., 2nd watch had general asgrale: 4 period, 205 to 3.000, 2nd watch had sail and appeal and 3.16 match had general against the form and army brate did not provide anything between for getting out brate when they was banded in crackles At and of watch under all plans sails to reals and main and migger topmast stay and by flying jet.

Appendix at the while Congle was firm but and Ed. Flip willing easily to sea.

From 4 to 8 P.M.

Dreels to stiff been ruing fine Porth to I. I. Dair first half, mucast last two home. Moderate sea. Dork in main and migro typnast stayrall at 6.00. We use of water under all plain acut to regular, everyt flying jet. Hrauled in and clearly patent boz between 7.00 and 8.00. appendice at the

Jum 8 F.M. to Mid. and findy and rawing best there house. I suite to fresh brezy from I. IN, NN, AND and Obest. at 8 45 small ability to INN. and trok in royale, toppallant sails, manusail and aparker. at 9 20 work to Fai rand at 925 trok in friends. for topials, its claim up of main toppails, hauled not main trypuil at close up to the second of the secon

him to on atarbuid tack under main trysail, close relied main topsail and for topmast staysail.

Examined and found to be correct.

Modernery H. Mugher Ensign & J. R. . B. Meilton Lieutenant QL & R. Navigator This Essex Third Rate, from Receptor & C. S. to Charleston & C.

(m	al	eing.	passage j	from Decryp	rent	Q	.ડી	龙	в	ka	ılı	iten	v 9.6			
		1	Reading		WIND.				BAROMI							Clear Othe.	Sea.
Hour.	Knots.	Tentha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Hoel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Porms of Clouds, by symbols.	Prop. of C	State of the Sea
A. M.	60-	3															
1	Says	ing to	Hamledin	W. by 9.	N. N. W.	3-4	5-13		30.19	68	67	67	74	0.0.0.	mil.	0	M.
2	1			West.	So. ly 94.	3-4	5.13		30.19	68	67	67	74	-	-	0	
3				Ot. ly St.	North	3-4	5-13		30.20	68	67	66	74			0	-
4				W. F. 24.	N.NE.	3-4	5-13		30.20	68	67	66	74	"	,.	0	
5	1	5	7	N. W. Ly W.		3-4	5-10	ኢ	30.18	68	67	65	74	0.0.	cum unil	0	
6	3	0		W. N &.	North	3	5-10	1/2	30.18	68	67	66	74	0.c.w.		0	
			96.9		Aly E. to South	4	5-10	1/2	30.19	69	68	66	74			0	-
			1.1	St. by %.	J. J. E.	4-5	5-16	1/2	30.19	70	69	67	74	0.c.d.		0	
		1		. 0		4.5	8	1/2	30.24	70	69	66	74		-	0	
			11.4	Of N 24. 12 96.	Sorth	6	5	1/2	30.28	70	69	64	74			0	
			15.4		1 by 6.	4-6	. 2	1/2	30.30	68	67	64	75		٠.	0	-
			17.8	19. by 9.	1. NE.	3-4	5-	1/2	30.32	67	66	64	75	0 c.v.		٥	
	-		α					-	-			-	-			-	-

99. 6 Distan	v rue by Log.			
Course and distance ma	ade good since preceding noon by	observations, D.R. N.69 .	34. 97knots. 1 37°34'N. 74°17'94. wation'°'	enths.
∫ La	stitude by D. R.		27 º 34 ' N.	"
Position at Noon: Lo	ongitude by D. R.		74017 94.	"
La	atitude by observations of ②	No obse	uvationi ° '	"
	ngitnde by chronometer from Fo	renoon Observations of \odot \mathcal{N}_0	observation o	"
Decision at S A W La	titude by D. R. Jum Now		27 ° 30 ' M.	"
Position at a A. M. Lo	ngitnde by D. R.		73056194.	"
Position at 8 P. M. Lo	titude by D.R.		270421 1.	"
Lo	ngitude by D. R.		73° 56' W. 27° 42' N. 74° 32' W.	u
Current during the tim	e, knots tenths per	hour, setting to the		
Error of the Compass b	oy Azimnth O observed at	, ship's head	0 (
Deviation of the Compa	ass by Azimuth O observed at	, ship's head	0 '	variation used,
Error of the Compass b	oy Azimnth ⊙ observed at	, ship's head	0 /	4
Deviation of the Comp	ass by Azimnth O observed at	, ship's head	0 (variation used, o
Water expended during	the preceding 24 hours,		400 ga	llons.
Water	during the preceding	24 hours,		"
Water remaining on ha	nd fit for use at Noon,		1600	*
Coal consumed during	the preceding 24 hours,		tons 480	lbs.
Coal remaining on hand	d at Noon,		148" 550	*6

Р. М.				Assert by Transport of the Control o											
		0	19.6	1. 2. ly 2.	NE.	3-2	5	3/4 30.27 68	65	63	75	n.c.d	runib.	0	n.
			19.6		2 4	1 :	5	3/4 30 25 68					4,		
			20.1			3	5	3/4 30.24 67							
4	2	5	21.2			2	5	3/4 30.23 67	65	63	75			0	-
5	- 1	6	22.8			1	5	1230.23 67	65	63	75		minh stud	0	1.
6	0	5	23.3	**	18. 4 6.18	0-1	5	1 30.23 67	65	63	75	4,		0	
7	1	6	23.4	. *	Jr.E.	1	5	1/4 30.23 67	66	63	75			0	
8	1	4	23.4			1-2,	5 -	3/4 30.23 67	66	63	75			0	
9	2	0	23.4	,	~	2,	5	1230.25 68							-
10	6	0	Harled in .	,.		5.6	g	12-30.26 68	67	64	75	0. c. g. g. N.		0	.,
11	6	0	**			4-5	8-10	1/2 30.27 68	64	64	757	0.0.91.		0	
Mid.	5	8	1		16. by 1.	4.5	8-10	1/2 30.28 68	67	64	75	b.c.		4	
-					0	1				-1	-	and the same of th		-	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mudught to 4 a. On.

Overcast and vaing. I sentle to moderate breeze from N. N. N. to N. N. 6. Lying to under fortogeness staysail, class refine topsail and trypail on starband track, until 0.46 wire set jut and operator at 400 came to conce N. N. Jp. C. apprentices at wheel.

From 4 to 8 a. On

Roger Welles Jr. Ensign Qu. J. M.

Overcast with light nam at times. I settle to stiff breeze from North to N. N. O. A. 4 30 loved and set concer and at 6 30 made alle plane sail to topgallant sails and took in main trysail. A 6 20 part one patent log reading 94 3 hauled it in again at 8 and found it foll, cleaned it and put it one again reading 1.1. At end of water under all plane sail to topgallant sails, on course I Oh. by Mr.

Grow 8 a. m. to merid.

n. M. Colsman

From 8 W. M. to Merid.

Overless, Endy and rainy, Fiff to gentle breeze from N N 6. Backing to North and hauling to N 16. As lind of watth. The module from N 2 Ag 30 mustered at guarter.

Al g 46 und to glound guarter and serviced curr until interrupted by rain Onited the period of intructive during watch on account of rain. Tested magazin and shill norm flood erries and found them in working boden. Bacoute ricing shops come N N by N (20) I testing full and by until least home when steed course; under sall as at sud of pereshing watch. appendice at wheel the sall as the ship when steed course; under sall as at sud of pereshing watch. appendice at wheel the sall as a ship of a period course of magazing 12 toward 14° 4 M. steering ship Denyewative of magazine 74° forward 74° aft.

From merid to 4 G. M.

Will aberton

I settle to light breeze from No. Overack with criticular drizzling rain. Turqueded all drille on account of raine wather Tet the royals and main and miggle topmark stayouile at 2.45 and the flying file at 3.15. We and of water words fore, main and miggen topmark stayouth and all plain said to cryster apparatus at the wheel.

From 4 to 8 P.m. Overcast and driggling at times Frequent rain equall to bid along horizon balm to light breeze from & NE. and NE. At 4.35 took in negle and flying jet and at 4.45 took in main and muzem topmast stayeable. At close on concer I. D. by D. under plain sail to top getlant sails with four topmast stayeable.

Housement the "temples

Ensign Q. F. Dr. From 8 9 M. to Orid. Ornact and ranging frest two hours, cleaning last hour. Flight to etif berege from NE. to NE by N Bavonetw ring. Photos all plain sail to top gallant sails, on course & N by N (gr) appointed at what. Harded in the justice beg at 9.00, hing field with sea week, reading 23.4.

Roger Chelles In Ensign Qi. J. Dr.

Examined and found to be correct.

Lieutenant St. S. V. Narigator.

LOG of the UNITED STATES Phip Essex Philo Rate, Making passage from Chempert a. I. to Charleston, I. C.

-	FT 6 17-00	-	- 0	0 0						-	_	_	_				_
			Reading		WIND.				BAROMI	ETER	TEM	PERAT	TURE.	State of	Forms of	Clear othe.	e Sea.
Hour.	Knote.	Tentlie.	of Paten1 Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bufb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by aymbols.	Prop. of 8ky, in 10	State of the
А. М.	311																
1	4	5-	Could in	. It It by It.	46. by N.	3.4	4.6	0	30.32	68	66	63	75	b.c.	cum unil	r. 4	Me
2	4	0	**		A. S. E.	3.4	4-6	1/2	30.33	68	66	63	75	- "	1	5	da
3	4	0	23.4	**	-	3.2	4-6	1/2	30.31	67	66	63	74		. 1	. 6	
4		7		*		3-2	4-6	1/2	30.30	67	66	62	74			7	49
5			31-9			3	5	1/2	30.31	67	66	61	74	~	cum.	9	9.
6			35.5	N W. ly W. 14 9.		3	5	1/2	30.01	67	65	60	74	*	cir. eura.	7	
7			40.0		4.	3	5	1/2	30.32	67	66	61	74			8	
8			44.3	I OL ly Ot.	NE. ly S.	3	5	1/2	30-34	68	66	61	74		**	3	
9			48.9		0	4	5.7	1/2	30.40	68	67	61	75		stral.	5	
10			52.7			4	5-6		30.40							9	
1			55.9		NE. by E.	3	5	1/2	30.40	69	69	62	75			8	
Noon.			59.4		. 7	3-4	5-		130.40							7	
			- /							'	1		,				

83 2 Distance new by Patent Log Course and distance made good since preceding noon by observations, J 8/29. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② Position at 8 A.M. Latitude by D.R. from Nome Position at 8 P. M. Latitude by D. R. Jenn Nomer Observation of Prosition at 8 P. M. Longitude by Chementer find afternoon observation of Page 1 tenths per hour, setting to the \$9 2 6. Current during the time, 27 knots Exer of the Compass by Azimuth O observed at 7 200%, ship's head & W. by % Deviation of the Compass by Azimuth O observed at 7.200. %; ship's head Error of the Compass by Azimuth O observed at 6.30 Pm, ship's head 194 Deviation of the Compass by Azimuth O observed at 530 Phu, ship's head ... Water expended during the preceding 24 hours, during the preceding 24 honrs, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

70 knots. 28 ° 10 'N. " 75 0 40 '94." 27 0 45 M. " 75 036 94. " 270 381 1. " 75020 101." 280 14 . 1. 11 760 17 96. " · 08 . 6. 3 49 %. variation used, 0 00 1.00 6 " 20 11 94. variation used, 0000 450 gallons. 1150 tons 400 lbs.

148" 150

P. M. 1	0 4	5	59.9	19. Cy 91.	16. ly 1.	4	7	1/2	30.41	71	70	64	76	b.c.	cir.cum.	6	F.
2	5	2	69.6		. "	4	7	1/2	30.41	71	69	64				6	
3	5	3	74.9	**	1 .	4	6	1/2	30.41	71	64	64	76			8	^
4	4	5	79.4	~		3.4	5	1/2	30.42	71	69	64	76		cir.cum.	4	
5	4	4	83.8			3-4	8	3/4	80.40	70	69	68	76		eum.	4	
6	5	3	89.1			3-4	5	8/4	30.38	70	69	68	76			7	
7	4	3	93.4			3.4	6	3/4	80.37	70	69	68	76			7	
8	2	1	95.5	~		3	5	3/4	20.36	69	68	67	76		1.	7	
9	1	7	97.2	,	NG.	1-2	5	1	30.38	69	68	62	75		er	7	
10	1	6	98.8			1-2	5	1	30.40	69	68	62	75			9	-
11	1	0	996	**	NG. by 6.	1-2	5	1	30.40	69	68	62	75		"	5	
Mid.	3	0	2. 2	.,	6 N E.	1-2	5	/	30 40	69	68	64	75	,	**	7	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chickingh to 4 a. M. Partially cloudy and pleasant. Onoderate to light breen from No E. by S. t. S. E. Onom row at 2.30. at end of watch under all plain sail to topogallant sails on course N. V. by V.

Prom 4 to 8 a. On.

Change to fair and pleasant. Sently breezes from I NE and NE by V.

Connec NO by & (pc) at 5 a m. est royals and flying fit. at end of watch ship on her concer under all plane said to royals or starboard tack by the unid. Apprentices at the whiel.

The sound S. 45. Few smooth.

From 8 W. M. to Merid.

Oboderate to quite brew from 46. by N. to NE. by E. Fair and pleasant.

Smooth sea. Fit main and migrou topinast stayrails at 9.00. Cleaned port forward water tank.

At end of water under fore, man and migrous topinast stayrails and all plain soil to orgale.

Appendicion at the what I superation of magnin 1742 forward, 742 dft.

From Orenide to 4 9.9m.

Shaw and pleasant. Producte to gentle been fire M. E. W. At 1.00 called apparentic divisions to quarters and inspected bags. At 1.30 cighted schomer to Wd. atauching to Nd. at 12.08 changed course to NN. species log 59.9. At claw under fore, main and migger topmast staymals and all plain sail. Apparenticles at the wheel.

Those 4 to 8 P. M. .

Securely clear and pleasant I sutte to moderate been from N.S. by ch. Bacometer falling. At 6. 15 took in ergale flying jet main and migger topmach stangards. It ends of watch, under all plain each to topgellant each or concer N.M. (p.c.) appendices at what. Pumped out the ship at 5.30

Ocozer Welles, L., Dem 80 m. to mid. . Partially clowdy and pleasant. Light airs to light brees from N. E. to E. N. E. at end of watch under all plans sail to toppallant sails with four topment staymails on course & N.

Marguet Training:

N. R. Colsman

Examined and found to be correct.

LOG of the UNITED STATES Thip Essex Phurd Rate, Making pawage from Newport R.S. to Charleston, J.C.

			Reading		WIND.				BAROME				URE.	State of	Forms of	Clear 10ths.	o Sea.
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel,	Loowny.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8ky, in 10	State of th
A. M.	,	5	3.5	As OH.	6. by N.	/-2	3-6	0	30.41	69	69	63	75	b.c.	cir.cum	6	g.
2	,		3 8		7	1	3-6		30.41	,			75			5	1
3	,		3.8		Frith	0-1	5-	0	30.41	69	69	63	75			. 7	~
4	0	5	3 8	**		0-/	6-	0	30.41	69	69	63	75	-		6	
5	0	6	4.0			0-/	5	0	30.40	69	68	63	74			6	
6	0	5		Ofel	9%.	0-1	5	0	30.40	69	67	63	73	~		4	
7	0	5		A 4.	Calm.	0	5	0	30.40	69	67	63	73	. •		7	`
8	1	2	-	St 4. by A	Frith	0-1	5-	0	30.40	70	68	63	73	*-		8	
9	1	0	Hondeline	1A		0-/	0	0	30.40	69	67	63	73	-	-	8	~
10	1	0				0-/	0	0	30.40	71	69	64	75	-	,	8"	-
11	1	0	. 1			0-1	0	0	30.40	73	71	65	75			8	
Noon.	0	5			**	0-1	0	0	30.38	73	71	65	75	-	-	8	

53.7 Dista	uce mu by Log.	
	re made good since preceding noon by observations, NSS W.	64 knots. tenths.
	Latitude by D. R.	28 0 26 · Jr. "
	Longitude by D. R.	76 031 , 94. "
Position at Noon:	Latitude by observations of ©	28 022 · Jr. "
	Longitude by chronometer from Forenoon Observations of ②	76 030 184. "
	Latitude by 2 R. from Jone	28 0 19 . 1. "
	(Longitude b) Gottate actual	76 029 19. "
	(Latitude by D. R. from Norm Longitude by Elumenter from afternoon observation of	28 026 . 1. "
Position at 8 P. M.	(Longitude by Chammeter from afternoon observation)	76 034 .96. "
Current during the	e time. 4 knots tenths per hour, setting to the \$./3 - 6.	
Prav Error of the Comp	wass by Azimuth ⊙ observed at 7302 to ship's head N %. by N.	0° 15° 1 6.
	ompass by Azimnth ⊙ observed at 7-30 a. M., ship's head	2 08 . W. variation used, 0 00
Error of the Comp	ass by Azimuth © observed at , ship's head	· "
Deviation of the C	'ompass by Azimuth ⊙ observed at , ship's head	variation used, o
Water expended d	uring the preceding 24 hours,	450 gallons.
Water	during the preceding 24 hours,	
Water remaining of	on hand fit for use at Noon,	700 -
Coal consumed du	ring the preceding 24 hours,	tons 560 lbs.
Coal remaining on	hand at Noon,	147-1830 -

M.					- d-							,	cir. strak		
1	0	6	Poseled in	NO4.	96.	0-1 5.7	0	30.37 75	73	66	76	b.c.	cum stal	9	9
2	0	6	-		6.86.	0.15.7	0	30.37 75	74	67	76			9	
3	f	0	- 1	4	East	0-1 5.7	0	30.38 75	78	67	76		-	9	
4	1	0				0-1 5.7	0	30.89 75	73	67	76		-	9	
5	٥	8	. 1	٠.	E. 18.	0-13	1	30.39 74	72	67	76	-	civ.cum.	9	
6	0	8		**				30.39 73						9	
7	0	8			4.	0-1 3	/	30.39 73	72	66	76		stret	5	
8	1	0	- 1		9.98.	0-13-6	0	30 39 72	71	65	76		-	7	
9	2	0	-		Fouth	1 3.5	0	30.32 72	71	65	76			8	
0	2	0	- 1	~		1-2 3-5	0	30.32.72	71	65	76		4	9	
11	3	2,						30.30 71				-	-	9	
id.	2	9						30.29 71						9	

WAXaporton.

genelleach

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chudnight to 4 a. On

Fair and pleasant. Sight airs from 6 by W. first two known having around to South. at 10 clock took in spanler at 30 clock braced around and haviled up port clew of mainsail. Evener N. M (pe) at end of watch ship under all plane sail to toppgallant sail vand for typuach staysail, everyt aparter and exather clew of mainsail. appartices at the while Prom rose at 3.20.

From 4 to 8 a. On.

Lieutenant W. J. W. Calm to light sin from IN and South Dair, warm and pleasant I mooth sea. Set the royale at 7.15. At end of watch under from topmast stayeast and plain sail to royale except flying jit and spanker apparation at the wheel.

From 8 a. On. to Onerid.

Chain and clear. balm to high and from Forth algo so mentered at quarters and align and crew were inefected by Commanding Officer their read articles for the Foremand of the Orange and had Secured Present articles are indicated in the standing to 9th. Horisto many and also made J. B. C. D. at close of watch under for topmast staffail and all plane will. Come of watch under for topmast staffail and all plane will. Come of magazine 73° forward, 75° aft.

Hereign U. Juller ... Bleign W. F.M. Barmeter raining. Pendar all plain said to regels everyl examiler, on conse N. C. appendicion at wheel.

Roger Welles h. Ensign W. F. M. Draw 4 to 8 P. 90. Ensign W. F. W.

Partially cloudy and pleasant. Fight variable are from E. N. E. to F. F. E. abend
of watch under all plain sail to regal except aparter, and with for topmast stayail, or course
N. S.

Our 8 9. 9 to mid.

Gnsign W. F. W. Creign U.S.N. Course of Sular Course of Section S. F.E. hauling to First in gentle lowers. Bright startight . Flip or her course N. V. (pr.) under for topmant stay and all plans sails to enjuly every flying jet and aparker. Appendices at the while. Baconsta felling alway.

W. M. Caperton Seitenant Ou. J. N.

J. Comman

Examined and found to be correct.

J. B. Me More, Navigator, Lieutewant & S. W.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Newyord R. J. to Charleston, S.C.

		T			WIND.				BAROMI				TURE.			lenr the.	Bea.
Honr.	Knote.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Company.	Porce.	Heal.	Leawny.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet	Water at	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of tha
A. M.		7	4.0	J1 €4.	9 W. by 9.	3	5	0	30.28	71	70	66	76	b.e.	cir am.	8	9.
2	2	7	6.7	. 0		3	5	0	30.28	71	70	66	76	-		8	80
		5-	92		99. by 9.	3	5	1/2	30.27	171	70	.66	76	A -		9	
4			11.9			3	5-	1/2	30.24	71	70	66	76	в.	none.	10	
5		1.	15.5	J. W. 14 Sr.		3	3	1/2	30.27	71	70	67	74	b.e.	cir-cum	.6	
6	4	1	19.6	Jr Jr 94. 1/2 94.	Ql by F.	3	Э	1/2	30.26	71	70	67	74			5	2-
		8	23.4	N. 1/2 N.	994. ly 84.	3	3	1/2	130.26	71	70	67	71	**	~	.6	
8	4	6	28.0	100		3	3		30.24						-	5	
9	4		32.6	N %: 12 N.	Q1.9 Q4.	3.4	5	1/2	30.25	72	69	69	71			16	
10	4		37.2	104. by 94.		3.4	5	1/2	30.22	, 72	69	69	72			7	٠.
11			41.1	N. N. Gr.	N. ly F.	3-4	4		80.22							8	
		8	462			3.4			30.21						nou.	10	

62 0	Dietaun run ly Log			
Course and distance	e made good since preceding noon b	y observations, J. 25° %.	51 knots. tenths.	
	(Latitude by D. R.		29 0 08. 1."	
	Longitude by D. R.		77 009.96."	
Position at Noon:	Latitude by observations of Θ		29 0 08 . 1. "	
	Longitude by chronometer from F	orenoon Observations of O	76054.94 "	
	(Latitude by D. M. from Nome	/	2800211.11	
Position at 8 A. M.	Latitude by D. M. from None Longitude by Observation 0		76044.84. "	
	Latitude by I. R. funn de la Longitude by Chementer for	4 P.M. observationi (Gunner)	29014 1.11	
Position at 8 P. M.	Langitude by ble genetic he	ne afternom observatinies	77014 94. 11	
Current during the	time. /3 knots tenths.	er hour, setting to the East.	,,	
	ass by Azimuth © observed at	, ship's head	۰ ،	
	ompass by Azimuth @ observed at	, ship's head	variat	ion used,
	ass by Azimuth O observed at	, ship's head	J	
	ompass by Azimuth O observed at	, ship's head	o variat	ion used, o
	aring the preceding 24 hours,		400 gallons.	
Water	during the preceding	z 24 hours.		
	n hand fit for use at Noon,		300 -	
	ing the preceding 24 hours,		tons 400 lbs.	
Coal consumed dur			147 - 1430 -	

-	1		-						A.						1		
P. M.								1	1					1	cir cure		
1	6	1	\$2.3	Sv. Sv 94.	C4. by 9.	14 64	5	1/2	30.20	72	72	68	72	b.c.	cir. street	9	9.
			59.0	Js:/2 4.	Hest.	4-57	7		30.16							8	4
3	6	3	65.3			4-5	7	1/2	30.15	71	72	67	73		45	7	
4	0	2	68.5	J. 46 3%.	J194.	4-5	7		30./3	71	73	69	73	begg.	cum.	5	
5	5	5	73.0	991.3/2 04.		4.5-	7		20.13						cir cum. cum. cir cum. atrab.	8	%.
6	5	٥	76.6	9.94. by 96 /4 94.	Jet by A.	5.6	7	3/	30.13	71	71	67	73				
7	4	4			- "	5	5	3/4	30.13	71	70	66	73			8	٠.
8	3	5		92 ly 9. 3/4 94.	1.194.	5	6	3/4	30.14	71	70	66	73		steat.	9	
9	3	6		M. ly J.		4-5	6	1	30.18	70	69	66	73			9	
			76.6	OL 8/4 St.	North .	4-5	6		30.20						cum dast		
11	3	4	786	Oh. by Nr.		4.5	6	1	30.21	70	69	66	71		eir cum.	9	1 - 1
			78.6	19 6 4 124.	1.16.	4.6	6		31 22					**	4.		
				· ·													

, U. S. Navy,

, 1894.

W. D. aperlow.

" Sunterent 2 2 2

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Indugal to 4 a. On Sentle bress from FM by I find two hours vering to FM by I last two Daw and pleasant. Dugh starlight. Towards era. Prome view at 400. Set expected at 230. At each of watch under for topmash starpail and plane sail to regale everyth flying get. Appention at the what.

Gen Rlaent, From 4 to 8 a. m. Secretary. Provilegable fresh home. It extle berry from I the go and one of the law and the first two home. Of 700 art flying jet. Or claw under four trymach atayous and all plane and on cone will apprentice of which Passed much Just wired.

Thom 8 a. M. to Merid.

Overgn V. S. W. Clear and pleasant. Gentle to moderate been from N. F. to N. by F. Barometer falling. At 9.30 mustued at quarties From 9.45 to 10.45 dulled all hands at caller and apres taking two leafs in topicals two in foresit and one in maintail, the appendix passing earnings, then show in to all regions are two maintails. We end of worth under all plants call to royale, with topical and a single map in the namenals. From 10.45 to 11.45, the cross watch had calle and appear and the order watch had manually accommonly called making and eigenst . Represented at which ab 1200 started frew under boiler of . Temperature of magazine 752 forward yet oft.

Hondamery the eng

Logu Weller, f-Own Merid to + 9 m to N & Bravester falling. It is a routed down flying jet curd at 1, 50 tooks in cycle long they had by to 1 & N & Bravester falling. It is routed down flying jet curd at 1, 50 tooks in cycle long slant carle and main trypal to a squall and was bradied off to clib. It is 40 were also and came to ou standard tack brading \$91.64 , and made all place sail to cycle enough flying jet. At end of watch under all place and to wyle every flying jet, hading \$9 by & Ah 100 changed course to it is 1 b In In I want to 15 to 15 to 15 or watch and again to the character of the culture of the control lead and log; 3rd until , gymnetics. The second period was interrupted at 250 by a squall. I asked free under Boler a

n. I Coleman Chem 4 to 8 P.M. Generally clear and cool . Products to freely begue from I'V harling to ct. 44 course 14 . 2. 4 2) Feering fellows by on the streloud trade It 5 so took in and fuled the exple It 6 10 took in and fuled toggetlant call and took two angle who in topsails. At sud of watch ship under jet, for topmast stayment foresist, angle us in mamment, aparters and two engls refer on topsails Exchanged relow with a Nourgeni Brogner at 645 standing to the 6d I we the sails in right during with Abor obsist commenced distilling with banked free under liter of Appenticus of the whell

Leutenant W. F. W. From 8 P. M. to Mid Prorlevate to stiff breeze very from A. N. to A. +3. Sleav, col and pleasant. Bright starlight Carrette wing Examined and found to be correct short . Bull such by on starband tack under came out could red in generating wetch. Textilling with five broken under bother a Pub nor spetial loger to a reading to a and would it in at 2.00 failed with see went appreciate at the while garabeau,

> J. B. Mo clow, Questerosub Ca. J. M. Sangator.

LOG of the UNITED STATES Thip Essex Third Rate, Making passage from Plewport R. J. to Charleston F. C.

			0 6	0 0	· ·							_				_	-
			Reading		WIND.				BAROME				URE.	State of	Forms of	Clear Othe.	e Sea
Honr.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
А. М.	54	0	*/	1017 01	11 15	1 1-	,	,	1000	10	/ 0	1.1	71	be.	cir.cum.		N. B
1 9	2	2	Hauled in	, NO1.3/4°01. NO1.1/2°01.	16. N.E. N.E. by N.	4-5	,		30.23					W.C.	cum.	8	1
3	3	8	*	U W. 12 W.	00 G. 4y 00.	4-5			30.22							8	~
4	4	ľ	1.		,,	4-5	6		30.22					44	.,	7	"
5	4	8	78.6			4-5	7	,	30.23					,,	cireum.	8	W.
6	4	0	82.3			3.4	7		30.24					**		8	49
7	4		1		√6 .	3	7		30.24					1.000		7	1
8	3	5	1	*		3	5		30.26					b.c.g.	cir eum.	3	
9	1	2	97.4		N &. b, &.	5.6	5		30.30						-	3	
11	21	7	6:7	184 ly 1.	.,	6	5-9		36.30					*		3	-
Noon.	8	6	19.9			6	5-9	0	30.30	71	70	66	76		-	3	**
			0	1.0						-		-	_			-	-

114.8 Dista	ue run hy org.		
Course and distance	e made good since preceding noon by observations, J. 70°4.	90 knots. tenths.	
	Latitude by D. R.	290401 1."	
	Longitude by D. R.	77024 , 4. "	
Position at Noon:	Latitude by observations of ②	29 0 38 1 1. "	
	Longitude by chronometer from Forenoon Observations of O	78 033 . W. "	
	(Latitude by 3. K. fine Som	29 0 28 . 1. "	
Position at 8 A. M.	Latitude by D. R. fine Som	780 07. %. "	
	(Latitude by D. R. from Acon & P. M. obserstion (Turner)	30 0 35 1 11 "	
Position at 8 P. M.	(Latitude by D. R. from skow of P. M. Observation (Sunner) (Longitude by Chromostor from afternoon observation O	79 000 94.11	
Current during the	time, 8 knots tenths per hour, setting to the \$80° %.		
	ass by Azimuth O observed at 7.30 a.m., ship's head N W. 1/2 W.	0.15.6.	
Deviation of the Co	ompass by Azimuth @ observed at 7.30 Q.M., ship's head	2 55. %. variation used,	0.36 6.
	ass by Azimuth O observed at , ship's head	, i ii	
Deviation of the Co	ompass by Azimuth O observed at , ship's head	variation used,	0 '
Water expended du	aring the preceding 24 hours,	400 gallons.	
Water distill	during the preceding 24 hours,	460 "	
Water remaining o	n hand fit for use at Noon,	350 "	
Coal consumed dur	ing the preceding 24 hours,	J tons 800 lbs.	
Coal remaining on	hand at Noon,	146. 630 .	

FOX	7						111	1			-					
P.	M.	6	7	26.6	1. 1. 64 1/2 04	2021	1/1/200	1 300	1~	1	1	~~	,		1,,	"
	1	2	7,	30.1		A 6. by 6.		1/2 30.3.						Cir.cum.		
	2	6	6		N ly 21:12 4.			1/2 30.35								
	3	8	8	Hauldin		6.48.	6 10-15	1/2 30.38	- 67	67	62	78	bs.		4	
	4	8	8			64	6 10-15	1/2 30.3	- 67	67	62	77		CAN	5	4,
	5	8	٥		**		8.610-15	1430.29	67	67	62	76		cim.	4	.,
						E. ly F.		14 30.2								
				. 1		"		0 30.32							3	
	8	8	4	. 1				0 30.36							4	
	9	8	5-		1 1024	**	6 10.15	0 30.40	64	67	62	77		cum		
	10	7	5)	**	*.	5-6 10-16	0 30.40	67	67	60	77			7	60
	11	7	0	. 1	"	6. కోడ్.	5.6 10-15	0 30.40	67	69	63	77	*	4	4	
						96. ly 8.		0 30.40							7	. 3
						d			1							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(midnight to 4 a. m.

blear and pleasant Moderate to stiff breen from NVE, and NE by N. W 2.45 sighted steamer's lighter to N'ss. stord across one love to I'll Distilling with frie banked under boiler A. appendices at which

Honlyonery the Souther

From 4 to 8 a. m mus Gueign W. J. W. Clear to cloudy with passing nam aqualler last part of last how. I cutle to morderate buyer from N.E. by N. to N.E. at 6 15 about refer mb of topsails and set topgallant and and royels. At 7.15 set main and rougent topmark stagnails and flying jil. At 8.00 took in royale main and rouges topmark stagnards rand flying jit to a leavy equall. Emin it & 15.9 (p.) Appendice at the wheel. At 5 to judy ex yeater I greater of 8.6. Distilling with banked frie under later A.

Orm 8 a. M. to Cherid.

Rugar Weller fr. Cloudy and pleasant. First breys from No. to No. by E. Baronter steady. At 9.00 onestered at Quarters. From 9.45 to 10.30 had direinal dull; from 10.45 to 11.45, 12 watch maringspecks scillularly and arguels; 5th watch gunnery. At 10.40 est main trypel and main and magne togenest stayearle. At 10 ro changed course to NH, potentilog reading 6.7. At 10.55 changed cours to NH by N, patent log reading 8.3. At end of watch under all plain sails to topgallant sails (everyt anyte seef in maineall), all topmast staysails and changed course to N. 4. parties so reading of or which lands suff in manusal), all topinast stay ails and of watch under all plain each to topinast stay all everyt single self in manusal), all topinast stay and main tryiail or course It by A. Products see from No. apposition of which all topinast from under briles A. Emportus of magazine 74: found, 75° A. See Dunning (b. Brate) reported the expension of his type of exceeding the second of the the second

From Precid to # P.M.

Gusign W.J. 96 Sair and pleasant. Pruch by set from N.E. by 6 hanhing to 6.46 & bourse Will by W (pc) cuttle 1245 when it was changed to N. 184 (pc). The appendices were interested as follow: 3th period, 115 to 2.15. the 12 writing had early and again and the 2st watch had markings in secundary and sailmaking: Frech period, 2.35 to 3.15, the 12 writing had acusery. Liftly period, 3.35 with 40 clock the 12 writch had alm, had and by and the 2st work mitted specimenter some to reling of ahip. By Ph. the ahip was making 3.5 writing of the period of the progetter was making 32 writing, it hing enempted at the forward elected. It was played to making 32 writing in the general and the showed elected. It was a first write per formal and the progetter was making 32 writing in this general the while at the forward elected. It was a first write and the work of the while the work of the work of the while the work of th This under same said as at end of speceeding which . Then moderate from N.E. appendicion at the while attening ahig. Distilling with five builted under boller A. This willing exists to the sea. at 1.20 landed in patent bez, it bring badly failed with and were the Dummy Ch. B. Mats) was the day dicharged by crown of experience of terming the transfer of the B. Mats) was the day dicharged by crown of experience of terming the transfer of the B. Mats).

Vim 4 to 8 P.m

First to feel been vering firm E. N.E. to E. by F. Cloudy with down the attending approximate of they to the rund Mr. first two hours, afterwards partly cleaning. From bearing anorther Barmeter fell. Ob encoderly during first hour, and strated to new at 6.00. I will amount our major trymant strayments of 4.40. At end of match under first trymant strayment, and main trysail and plain sail to topgettent early everyther single reef in the mainsail Florted frie under bile 18 at 7.30 and allowed frier under bile it to die not these bridge a last in that biler. Passed many large patches of car word By order of Commanding Officer changed concer at 8.00 to N. N. M. ger Flandard. apprentices at the while

From 8 P. On to Mid Elaw and pleasant. Fresh to stiff buys from E. by I., I. F. E., and IE. by E. Ch clove cluding up to W. F. M. at Examined and found to be correct class under for typical dayrail, main trysail and plain sail to topgallant sail, with a congit out in the married, no curves N. 44. Deces under boiler B.

therefore the theyther Energie On da.

R.Ge

J. B. Moillan, Lieutenant & S. Mr. Changeton

LOG of the UNITED STATES Phip & SSIX Phid Rate, Making passage from Newgork, Q. S. to Charleston, F. C. and at anchor off Guash Change to the

			Reading		WIND.				BAROME	ETER	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	sha Ras
Hour.	Knots.	Teuths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8 Sky, in 10	
А. М.	96	5												0			
1	6	8	Houled is	A. A &.	₹6.	5	28	0	30.39	68	68	64	77	b.c.	cir.cum.	3	M
2	6	0				4-5-	5.8	0	30.37	68	68	65	77			6	-
3	5	6	1,		96. by 6.	4-5	2.8	0	30.36	68	68	66	76	4.		7	
4		0	34.4		9.9 8.	4-5	10	0	30.34	68	68	66	75		-	2	
			34.9			4-5	10.		30.31						cum.	2	1.
6			40.5			4.5	10-	0	30.31	69	68	67	73	b.c.p.	**	2	1
7	6		46.5		9. ly 6.	4-5	10 -	0	30.31	69	69	67	71	b.c.	cum. mind	1. 1	1.
8	6	2	52.7	1	,	5.3	10.	٥	30.31	69	69	67	70	0.0.10.		0	N.
9	6		531	201.142	,,	3-4	5.7		30.31						eum.	0	
10	5	6	59.0 62.0		Q. F.Q.	3.4	5.7	0							cum ami	10	ı
11	2	00	66.6	N. N. 94. 14. 94. 4. 94. 84. 94.		3	5.7	0	30.32					B.c.10.		4	
Noon.	·	76	73.1	7			5.7		30.32						eum.	5	1.

165.5 Dietane run by Log.	
Course and distance made good since preceding noon by observations, J. 18 94.	174 knots. tenths.
Latitude by D. R.	32 003 . Jr. "
Longitude by D. R.	79 0 48 194. "
Position at Noon: Latitude by observations of ②	32 024 11. "
Longitude by chronometer from Forenoon Observations of O	79 . 33 . 04. "
(Latitude by D. R. from Norm	31 047 1 N "
Position at S.A.M. Longitude by D. Ch.	79 035-194.11
	o , "
Position at 8 P. M. Latitude by Longitude by	Ç i H
Current during the time, 24 knots tenths per hour, setting to the 30 6.	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 '
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o ' variation used, o
Error of the Compass by Azimuth ⊙ observed at , ship's head	o 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water distilled during the preceding 24 hours,	800
Water remaining on hand fit for use at Noon,	750 " 1 tons 880 lbs.
Coal consumed during the preceding 24 hours,	
Coal remaining on hand at Noon,	144 1990 "

P. M.	0	9	73.5	19.9 9 N. N. N.	F. J. W.	4	5	0	30.25	66	69	69	64	le	cir strat.		M
2	5	6	83.7	"	0. 5 77 .		5							•		7	
3	3	2	89.0	I tanding in for		4	5-									7	
			Hardin is			4	0	٥	30.20	66	68	67	64		- 1	5	
5	a	1 as	uchor	V8. °		4			30.18	66	68	67	64	b.c.m.		3	
6				9.94.	191. to 994.	4-6			3017	67	68	67	64	b.c. t.l. v.	cum. mint	2	
7				F. P. W.	9.9%	4								0.c.d.l.			
8				**	,.	3			30.18	67	68	67	64	S.c.l.	mit .	8	
9				FOU. by Or.	Post. by on.	3											
10				04. FOL.	વ. કુળ.	2.3							,			y	
11					**	2.3			30.12							7	
Mid.				+*	*	2.3			30.12							7	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Chudnight to 4 a. On

Chridy Products to stiff breen from FE to J. FE. Barrneter falling. At 3.00 took in trysail and at 40 jil and eparlew. We need watch under agrant sail topgallow sails, with a enigh nef in mameral and for topmark staypart, on course N. N. N. (pc) at 2.00 in animaling book a hurier and depth recorder. Of 4.00 animalis in 61 fathoms, no bottom. Apprentise at which Distilling with banked frie under birler B.

Pum 4 to 8 a. M.

Roya Welles Jr. Eneign W. J. M. Baconster steady. At 5 o'clock ast engale. 3-16 the following encudage; at 6 o'clock of four f. 36 to 5.6 o 6 occurs of o'clock ast engale. 3-16 the following encudage; at 6 o'clock. 36 fathome bottom; black apacks; at 7 o'clock, 36 fathoms grey sand black and gallow especks. At 8 o'clock, 17 fathoms conce sand, grand and bottom chilles. At end of watch under for topmast staypail and all equal sail to eyele on course N. N. & A. Distilling with banked free under bottom. n. S. Coleman

There & a m to Merid

Enably with garreng shower first their times cleaning last how. Senter to mother betyre from I by 6 neural to 0.3 % W8 % W8 05 changed again to 4 % by 6 (y 0) at 10 00 cit main and mayor topically and at 10 00 cit flying jit main tryail and 10 00 changed again to 4 % by 6 (y 0) at 10 00 cit main and mayor topically and at 10 00 cit flying jit main tryail and 100 controlled the foremen instructions for appealing an account of who weather Farnal city and tamers in sight during with the west believed at the wheel Scientific with fore main and mayor tryails and main tryail weath one of warmens Copyritees the wheel Scientific with include free under bale 16. Dock the following animaling during the watch with Eler William Promote Preshair: - at 90 close get is fethere grey sand and black expects, at 900 gt 11 fethere arms aprecion at 10 30 to fethere 21000, 10 fethere, 211.00, 9th fethere; it 11.30, 9 fortheres and at 12 (none) 8/2 fortheres with same openine of bottom at all enurlinger Temperature of maggine 74 forward 73 cft. 1130 , of fetheres much as 12 (2000) one greater ble banney ble banne Buf Entertor I it signed to Proce Bond of Surgeria Soft 19 f Commentation and Bond in Pay Sept. by Bushely Bond of Energy ble banney ble banney between I there were them ordered to 5 mining was expected as Bretamin not I class for these year. I can breed to 4 PM.

Morderate breeze from I. IN. Fir and pleasant. We 12.10 changed concerts No. W. W. patent bog rending 73.5. Door the following countings at 1.00, 11 fathome, yellow day: 1.00, 9 fathome grey cand; 2.00 9 fathomes, broken aball: 2.30. 7 fathomes, gray and black agreetes . 18 208 egatel land right about at 2 20 sighted Charleston Sight house, braung (pa), it Not 1. W. Changed concer 2t same time to be by W. pretent by resting 125 after 2.00 etanding in for anchorage new light ship, Emmanding Officer coming comming frequently. At 20 bristed the jack at the fire as is eignal for a fell of rand at the extres ballet all hands bring ship to archive at 3.00, and took in topogetlant sails expelsent by flying jit I soot in and muzzer trymach stayualle and expenter at 2.45 and lauled rep the course at 0.45. Here to at 3.40 with four topical to the mast travel w jult book Houseld in gestul light 305 reading 894. appendices at the while with 300 Ferry 1.15 to 2.15, instructed 2nd watch at early and your 3th watch at madenergive, autmaking and arguale. From 2.30 to 3.00 instructed 2th and 3th watcher in general general 3th period of instruction. all lands bring colled to bring ship to anchor. Destilling with banked fries under biles "16".

From 4 to 8 P. 90.

First low threatung near tur hour raining, with thunder and lightning, last how cleaning. bentle to stiff been from 44, I. M. and . F. F. M. At 4.05 field F. Brugder from field book R. A Govern of Challeton came about . At 4.16 let go etailoud auctor in 6 fethouse water, excusing to 50 fethouse chair candy bottom Bearing of and may, Charlesto Sight 91/09. ye and Elightedy +610 N gres with 5 failed will. It close about is minute Deal

Commended with lightning in Full Eastern brigor bruth to light being from FN by M. to M. FN. Baroncton falling. At 11 or stoubal Examined and found to be correct. free in bollow 6 week D. Datelling with backed free water boles 13.

Roger Weller Ja. S. Millow, Narigator. Lintenset D. J. N.

Gen Roeale,

LOG of the UNITED STATES Thip Essex Phird Rate, as anchor of Gharleston & 6.

			Reading		WIND.				BAROME		TEME		TURE.	State of	Forms of	Clear othe.	ı
Hour.	Knots.	Tentha	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. alt'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Ciouda, by symbols.	Prop. of Clea. 8ky, in 10ths.	1
A M	-Tid	ul t	Surent														
1	٥	6	ыз	g 94.	ON 29.04.	2.3			30.13	65	64	63		b.c.l.	communical	7	
2	0	6		Poutl	**	2-3			30.15	65	64	63				7	1
3	0	6	4		•	2-3			30.15	65	64	63		"		7	l
4	0	6		9 h, W.	*	2.3			30.15					10	-	7	
5	٥	6		9.494.		3			30.15					0.c. w.	-	0	
6	0	3		894. ly 8.	*	2.3			30.15	66	64	63		0.c.p.	**	0	A
7	0	3		· 901.		2.3			30.16	64	64	63		0 c.w.		0	ı
8	0	4		Q1.9.W.	Heat.	2			30.17	64	64	63			eir cam	0	
9	0	6		04 by 9	Of by No.	2			30.19	65	65	64		b.c.w.	nint	4	ı
10	0	4		25		1-2			30.21	65	65	64		0.0.w	cum. oual	, 0	
11	0	4				1-2			30.22	65	65	64		-		0	
Noon.	0	4		. /		1			30.23	65	65	64		0.0.	1.	0	

-								
4	-	9	intra			1	0	
20	. 3	00	ulrai	4001	Must	4	dea	

20.0	wee him by bry		
Course and distance	re made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of O	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 /	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	u
Current during the	e time, knots tenths per hour, setting to the		
Error of the Comp	bass by Azimuth O observed at , ship's head	0 /	
Deviation of the C	compass by Azimuth ⊙ observed at , ship's head	9 (variation used, o
Error of the Comp	bass by Azimuth O observed at , ship's head		II .
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	1, 1	variation used, o
Water expended di	uring the preceding 24 hours,	450	gallons.
Water distill	during the preceding 24 hours,	800	
Water remaining o	on hand fit for use at Noon,		44
Coal consumed dni	ring the preceding 24 hours,	Z tons 800	lbs.
Coal remaining on	hand at Noon,	142 -1190	64

D. W							
P. M.	0	2		Ofesta	g. W.	2.3	30.22 66 65 64 b.c.p. cum.
2	0 '	3		3°cu	a	2.3	30.21 66 65 64 b.c.p. cum. unt 2
				Forth	**	3	30.20 67 67 66
	0					3	30.19 67 67 65
5	Pin	der	way	Strending into	-	3	30,15 68 65 63 . From estat 4
6	1	.	0	Charleston to aubor		3	30 13 67 65 63 . 4
				I mth		3	30 15 67 65 63
8	0	2	Ebb	J. by %		2	30.17 65 64 62 b.w. none 10
9	0	2		લ કેપ		2	30.20 65 64 61
10	1	4	Blood	NOW by N.	West	3	30.21 65 64 61 6 10
11	J	4		"		3	30.22 65 64 61 10
	, /			Is by Ok.		3	30 22 65 64 61
				,			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chudnight to 4 a. On. bloody and damp Light to gentle breeze from W. F. Phip riding to wind and tide. Banked free under bite B. Dutilling. Free under biller b. and D. N. I. Coloman M. J. Colsman

Grow 4 to 8 a. ON. Onerast and clody, with light passing shown about 50 M. Fight to gentle breze from Or. For, excuing a Vest. Product will fine 9.96. At 50 Mr. made preparation for getting undergraved from in to 45 fatherer closing, but wing to the well, the fill was unvilling to take the ship new the Charleton bar consequently the fries one bounded, after turning over the edgenic and constituing executed again. High water on the law of 6.20 a. M. Distilling with fire barried under bilen B. E. J. J.

· Lieutenant U. J. R.

Light air to light being from by N. Orward. Moderate will from Th. I hip, red ing to the title. Mustered own as quarter alg 30. When or which all hands and broad sail to dry From 10. 45 to 11.45 extremed 1st with at infantry and 3t watch at newform. Continued is amountain of appendicin of it watch. I what what was action in too of ting Confidence to take and bring made. From backed under brilling. Confidence to take and bring made. From backed under brilling. Confidence of magazine 75° forward, 72° the By order of Commanding the Turning (B. M. 10.) was noted to the later was that how they date

Chief Bratawaus mate from this date Gen. Rocall

Lieutenant 91. J. N. From Merid to 4 4.9% Oroxael light apite of sain twee during watch Isutle to moteate buyy from 9%. From 1.15 to 2.16 dilled 2nd and 3nd watcher at infantry. Banket free wells bilen B, E, and I Distilling

Montgonery W. Tengler On. J. W.

From 4 to 8 P.m.

Cloudy Gentle beers from IN Barometer falling. at 4. 40 called all hands up anclory got underway at 4.55 and stord into Charleston Cactor, Pilot F. Bringler cruning the ship Disgret our color to as levenue butter presing into the Barbor. At 5.44 parent our the bar in Februar Channel with 20 feet of water. At he was come to the last the Barbor. at 6.49 came to auchor in 6 le fathone water, early with much botton, oring to 45 fathour of chair or pent auchor. Beaungs of auchorage Charleston Light I. F. G. (pe), It Phillips Church Net 12 N. (pe), This had South. Whomb the frie to die ont in Colon Cand D. Distilling with banked frie under boiler 15.

Roger Weller fr. Eneign W. F. W.

From 8 P. M. to Orid.
Clear and pleasant. Bright etailight. Light to gentle buye from FOX to Olid Barometer resing. Banket from ander bother B. Dietelling.

N. T. C. P. P. C. P. P. C. P. C. P. C. P. C. P. C. P.

M. T. C. Denraw Energy U. J. W.

Examined and found to be correct.

J. B. Me Mon Navigator. Lieutewant & & D.

			Reading		WIND.				BAROMI	ETER	TEM	PERAT	URE.	State of		Clear 10ths.	Bre.
Hour.	Knots .	Touths.	of Patent Log.	Ships head.	Direction by Standard Compass.	Foree.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of 6 8ky, in 10	State of th
А. М.	Did	al b	runnel	U						ł							
1	1	9	EL+	J. N. St.	Js 94	3.4			30.22	65	64	61		6.91	none	10	
2	1	6		N. by 94.	N. N. W.	3.4			30.25	61	60	52		_		10	1
3	l	0	- 1	North	North	3-4			30.26	60	59	51				10	
4	1	0				3-4			30.27	59	59	51				10	
5	Lu	inging	to flood	- 1		4			30.29	58	58	51		be.g	eum.	9	
6			Flord	6 ly 9.	e e	4-5		1	30.32					- V	cir strat	8	
7	0	8	-	· East		5-			30.35	56	55	50		.,	1 :	8	
8	0	6	P	N &		4-6-			30.40	55	57	51				7	
9	٥	6		Is by 6.		3.4			30.40	5.2	57	51		-4		8	
10	0	4		North		3.4			30 44	56	56	49		в.	none	10	Ш
11	0	4	-		A by Oi.	3			30.46							10	4
Noon.	0	7		-	North	3			30.43	60	59	49			-	10	

Course and distant	te made good since preceding noon by	observations,	knots.	tenths.
	Latitude by D. R.		0 /	"
	Longitude by D. R.		0 - 1	u
Position at Noon:	Latitude by observations of ③		0 /	"
	Longitude by chronometer from Fo	renoon Observations of ①	0 /	и
	(Latitude by		0 /	"
Position at 8 A. M.	Longitude by		0 /	"
			0 /	н
Position at 8 P. M.	Longitude by		0 /	"
Current during the	e time, knots tenths pe	r hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 4	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	۰ ،	variation used,
Error of the Comp	ass by Azimuth O observed at	, ship's head		. и
Deviation of the C	ompass by Azimuth O observed at	, ship's head	5 4	variation used, 0
Water expended di	nring the preceding 24 hours,		460	gallons.
Water distille	d during the preceding	24 hours,	800	64
Water remaining of	n hand fit for use at Noon,		1440	•
Coal consumed dus	ring the preceding 24 hours,		2 tons 240	lbs.
Coal remaining on	hand at Noon,		140 " 950	M

Р. М.								
1 0 g	North	North	3.4	30.43 61 59	51	b	non.	10
2 0 9			z	30.41 63 61	54			10
3 0 4	A 1/2 8.	1 4 ly 6.	2	30.40 64 62	56			10
4 Flack wat	ur 96. by E.		2	30.40 64 62	56		1 -	10
5 0 8	9.96	Phy 6.	2.3	30.39 64 62	56	b.c.	cir. atial.	. 9
6 0 9	Pouth	9 kg 94.	2-3	30.36 61 62	5.6		V	
7 10		9.9%	2.3	30.35 61 62	56		cum strak.	9
8 1 0	9 ly &	1	2-3	30.88 59 60		b.	MUM	10
9 0 8	South		2-3	36.39 58 59				
	g to Gbb.		2.3	30.34 58 59			-	
10 Faringen	Aby 31.	_	3	30.40 59 58			. 1	
did. / 0			2.3	30 44 59 68				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Clear, cool and equally Gentle to moderate brezes in equally from N. W. wiring to North Temperature falling Bright startight This riding to the Ell tide Distilling with banked free ends briter B. Midnight to 4 a m

Dum 4 to 8 a On

Moderate to fresh breen blurring in aqualle from North. Fair and corb. Rameter reinig. Oide turned from abists. Distilling with banked frier under briter B. Recent in Pay Dept 184th fresh brif 186kbb. Jush ergetables and 86 Br. Greek break Draft of ship 14 fet, 2 moher from from 1, 16 fet 6 inches aft.

Geo ROeark

Tem 8 a m. to mered

Gentle to moderate breef from Aby 6. and North Clear and pleasant. At 9 30 wint to quarters for inspection At 9 36 will blear elep for action sent down regal yards regard we love brone lowed cutter and made perparature in 35 minute. At 10 consider all to Steven Castre describe regard we obtain a following moderate as followed and made perparature in 35 minutes at 10.03 constant of the state of the sent 10.03 communical exercing at 10 10, excurse at 10 25. James Petern Ch. M. at a) straggler returned on braid, not to do duty as matter at time pending investigation. Energy M. M. Taylor representing the Commanding Officer paid an office at west to the Mayor of Containing at the prior at 10 45 and together yards and unbest light early Tickling with free banked under Viler B. Temperature of magazine 72° forward, 70° rft.

J. B. Woilton, Sen. F.W.

Fine merid to 4 9.9%. Eleav and pleasant. Products buy from North to light buy from Note Brand Broth was grow their bags and the Bull the Field Broth Watch was grow their bags and the Bull but how morthly money and welling and soling at 140 the Commanding Officer with Energy Paylor as and, left the slay to call officely upon the Rayon of Challeton, the Collector of Port and the Carolina Grah Chet. Distilling with fuce brakes which to 30 about his writer George S. Endhater, Paymadre Clear reported for duty in thousand it was of Praches bush with the Lundwith his water to want to water the water of Port and the carolina Grah Chet. obdume to orders of march 21 funtaling Department.

Roger Weller Jr. . Ensign On F. M.

Firm 4 to 8 P.M.

Chan and pleasant Light to quith buy from Aby 6 to I. IN Distilling Backed free under bother B. at 6 3 5 and some toggetland master. The Commanding Officer of this chip returned from paying an official meet to the mayor (portion) of Challeton, Collector of Port and Carolina Greek Club. Librity party of appropriate pretured I made. Ensign U. J. M.

Elean and cort. Bught starlight Light to gentle breyer from F. F. at 10 15 awing to the ell tide Level as party of appendix ashon at 720 to attend the open. Destilling with free banked under W. K. apertou

Examined and found to be correct.

J. B. Meilton, Navigator.

Lieutewant U. S. W

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, T.C.

Third Rate,

			Reading		WIND.				BAROMI	ETER	TEM	PERA	URE.	State of	Forms of	Clear 10ths.	· Sea.
Hour.	Knots.	Tentise.	of Patent Log.	Sugar head	Direction by Standard Compass.	Foree.	Heal.	Leeway.	Height in inches.	Ther.	Air, Dry Builb,	Air, Wet Buib.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8	State of th
A. M.	Did	bal	Current.	V													
1	1	5	EH.	N. O. by N	9.994	1			30.42	58	57	54		b.w	none	10	
2	1	4		North	Calm	0			30.40	58	57	54		**	**	10	
3	1	4		1.16.		0			30.39	56	56	54		,	~	10	
4	0	3			9974	0-1		-	30.38	56	56	54		**		10	
3	0	8		9 by &	Calm	0			30.07	54	55	54		b.c.	cum.	9	
6	1	0	. 1	9.98.	South	0-/			30.39	57	55	52			eir.	7	
7	٥	7	-	96. by 9.	86. by 9.	0-1			30.89	59	57	2.3			cir eum.	. 6	
8	0	3	-	9.96.	0	0-/			30.41	61	59	54			eir.	6	
9	0	4	Guraging	**	F6.	1-2			30.45	-64	61	55			Cir etral	9	-
10	0	2	te	9. by 94.		1-2			30.45	65	62	56		.,	-	9	
11	0	5	Ebf	Of Sign.		1-2			3044	65	62	56			-	9	
Noon.	/	0		North		2.3			30.42	65	62	56			-	9	

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.
	Latitude by D. R.		0 /	11
	Longitude by D. R.		0 '	и
Position at Noon:	Latitude by observations of O		0 /	u
	Longitude by chronometer from Fo	renoon Observations of Θ	0 /	И
D. 22	(Latitude by		0 /	"
Position at 8 A. M.	Longitude by		0 /	"
			0 /	u
Position at 8 P. M.	Longitude by		0 /	"
Current during the	time, knots tenths pe	r hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head		
Deviation of the C	ompass by Azimuth O observed at	, ship's head		variation used,
Error of the Comp	ass by Azimnth O observed at	, ship's head	9 '	"
Deviation of the C	ompass by Azimuth O observed at	, ship's head	100	variation used, o
Water expended du	aring the preceding 24 hours,		450	gallons.
Water distill	during the preceding	24 hours,	900	"
Water remaining o	n hand fit for use at Noon,		1890	*
Coal consumed dur	ing the preceding 24 hours,		/ tons 800	lbs.
Coal remaining on	hand at Noon,		139 " 150	ú

Р. М							Ī					cir. stat	
1	j	0	EH.	Jorth	9.9%	13	30.42	68	65	60	b.c.	cum.	
2	J	٥	- 1	**	**	4	30 40	69	67	61	*		9
			. ,		1	4	30.36	69	67	61			9
4	0	Plac	h .	9.96.	4	4	30.34	68	69	61		cir um.	8
5	0	5	Alord.	Porth		2.3	30.32	68	69	62		1	9
6	0	9	~	*		2.3	30.29	66	66	60	11 :		9
7	0	3		4		2	30.25	65	64	60	в.	mou	10
8	٥	6	. 1			1	30.25	65	64	61		4.	10
9	0	5-		11	**	1	30.27	65	64.	61			10
10	0	4		FAL.		1-2	30.27	64	63	61			10
11	0	5	Turing to	% set	9%.	2	30.26	64	63	61			10
Mid	0	9	EN	Sv. Ja 94	-	2-3	30.26	64	63	61		1-1	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a 9 m. Sight air from F. F. W. and Calmer. Eleav and cool. Bright startight Heavy dew. This riding to ell tide. Distilling with fire bruked under brile "13.

Que Race V. J. W.

From 4 to 8 9 m. Clear and damp. balm to light and from Inthe to \$6. by 9. Tent up topgallant master and evered topgallant yarder at y 30. Detalling with banked frew under boiler 15.

M. M. Colsman

From 8 a. On. to Okerid

Clear and planant. Eight aim to gently breggy from 96. Baroneter falling. The Commanding Office of the Commanding Office of their steps. The Present of the Course and appointed Recent at 8.15, 85 lb. bread, 106/2 lb. argetables, 106/2 lb. bread, 106/2 lb. bread, 106/2 lb. bread, 106/2 lb. argetables, 106/2 lb. bread, 106/2 lb.

Roger Weller, Jr., Enign D. J. R.

Grow Merid to 4 9 m.

bleav and pleasant. Tentle to modurate brey from I. F. Baroneter felling. The Mayor and the Mayor protein and bety bless of bity of blacketon paids an official drait to this ship. Firsty party of brog and new left the ship. Destilling with backed fuer under boles to . All the officers and crew new on deser to resent the mayor.

n. I Corforman Ensign U. S. M.

Prom 4 to 8 P. M

Clear cold and pleasant. Eight air and gutte buyer from IIV. Eurong to the floor tide at +30. Sent drow royal yards at account . Tent a party of appointeir to the theater ashow. Received on braid for distribution to cour to morrow in the Department of Supplies and accounts, 1061s the field leef, 1661s lbs. of nightables and 85 lbs of braid. Distributing with five bruked under bile. B.

W. B. Caperton . Luntiment & 4.9.

Jum 8 P. M. to Paul.

Light air to quite brey from 9.9% and 9%. Clear and cook Turning to 28 tide at
11.20. Appendice livity porty extuned except J. Gilk, J. J. Provil J. Gerrity and J. Drummey Destilling
with free banked under both B.

Ques Route Sentenant Qu. J. M.

Examined and found to be correct.

J. B. Me ilter, Navigator. Lieutewant Q. J. N.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, F.C.

Third Rate,

			Reading		WIND.				BAROMI	ETER	TEM	PERAT	URE.			lear ibs.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea 8ky, in 10ths	State of the
A. M.	Jid	al G	errent	,						1							
1	1	8	EH.	A by St.	£94.	2.3			30.26	62	62	61		f.	nne	10	
2	1	8		1.59		2-3			3026	62	. 62	61				10	
3	1	8	- 1	**	r	2-3			30.26					*		10	
4	1	5				3			30.26	62	62	61			**	10	
5	Pur	ingia	g to flood	921. by 01		2-3			30.26	62	62	61		*		10	
6	1	0	Flord	Fly W.	**	3			30.27	62	.62	61		b.c	cir strat	. 8	
7	1	4	- 1	· Fouth	~	3			30.28	63	63	62			etial	-9	
8	0	8		I by Ot.	**	3			30.30	64	64	63				9	
9	0	9		FU. l., F.	Or. FOL.	3			30.80	67	67	65		-	cer.	9	
10	1	2		991. by OV.	991. by 94.	3			30.30	69	68	65			cir strat	- 9	
11	Q	3	2	Otest	Chest.	3			30.31	71	69	63				9	
Noon.	9 000	7,7	to €H.	1 % . by 1.	*	3-4			30.32	72	70	65				8	
1				1													

Course and distance	ce made good since preceding noon b	y observations,	kuots.	teuths.	
	Latitude by D. R.		0 /	"	
	Lougitude by D. R.		0 /	"	
Position at Noou:	Latitude by observatious of O		0 /	"	
	Longitude by chronometer from Pe	orenoou Observations of ②	0 /	"	
	(Latitude by		0 /	"	
Position at 8 A. M.	Lougitude by		0 /	"	
	(.Latitude by		0 /	"	
Position at 8 P. M.	Lougitude by		0 /		
Current during the	e time, knots tenths pe	er hour, setting to the			
Error of the Comp	oass by Azimuth O observed at	, ship's head	0 /		
Deviation of the C	compass by Azimuth O observed at	, ship's head	۰ ،	variation used.	0
Error of the Comp	eass by Azimuth O observed at	, ship's head		"	
Deviation of the C	Compass by Azimuth O observed at	, ship's head		variation used,	0 1
Water expended di	uring the preceding 24 hours,		400	gallons.	
Water distalle	during the preceding	24 hours,	925	66	
Water remaining o	n hand fit for use at Noon,		2415	ы	
Coal cousumed dur	ring the preceding 24 hours,		/ tons 880) lbs.	
Coal remaining on	hand at Noon,		138 " 151	"	

D. W									
P. M.									cir sum
1	1	6	Ell.	N 94. by A.	FW.	3-4	30.27 73 70 66	b.c.	cir. stret. 7
2	. /	7		0	*	3.4	30.25-73 70 66		. 7
3	1	6				3-4	30.25 72 72 67		. 7
				Of by A.		3-4	30.25 72 72 67	٠,	5
5	1	0	Flord	O4. 9 O4.	4. F W	3.4	30.26 70 70 68	٠,	. 4
6	0	8		9. ly 6		3.4	30.26 68 68 66		cir.tum 4
			da .	0		3	30.26 68 68 66		3
8	0	6		24		3	30.26 67 66 64		3
9	0	9	٠.	Pouth	South	3	30.28 67 66 64		7
10	,0	8		9.90.	,.	2.3	30.29 67 66 64		stral 7
11	1	4		Ox by 9.	F. F.W.	1-2	30.30 66 65 64		none 10
Mid.	1	2		191 by 2.	FN.	1-2	30.31 65-63 62	b.w.	/6
				0					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Oridnight to 4 a. 9%.
13 night starlight. Gently been from 40h. at 2 40 pilot brat J. Go, Capt. Igo, finled alup on good aide, getting clear at 3.45°, on damage now down are far as could be ascertamed in the dark. Ido anning att. Distilling with fine backed under biter 13.

Worlsprung M. Lenton Energy a S. R.

Diem 4 to 8 (b. M. .

Clear and pleasant. Sentle buys from F. W. Baronette riving. Librity men returned in time except 6. O stufe (Cn.) entime. Distilling with banked free in briles B. Lurung to flood lide at 5.30.

Roger Weller Jr. Eusgw W. F. Dr.

From 8 a. m. to Merid.

Char and pleasant. Sentle to moderate breeze from ON F N. to Obest. At 9.30 mustred as Quarter and the following absentes were reported, 60 Teaps (Brie), J. Sericts, J. Files and J. Dunny appended to the Commanding Officer. Visitore were allowed and are braid after quarter Dutilling with banked full under bother 18. Designature of maggine 72 forward. 69:241.

M. S. Coleman . S. W.

From Meid. to 4 P. Mr.

Fair and pleasant. Sentle to moderate busy fine Forth. The riding to the ell tide. Sent a likely party of exposition and men askne a large number of victors or board. Distilling with free banked under board or B. J. Povell and J. Felli apparation of beaut returned on board to have one likely.

W. Waperlow Sintuant & S. R.

From 4 to 8 9 M. Sentle to medicate being from F. F. W. Cludy Olde tuned flood at H 30 apprentia librity party returned everyl 6. J. Felow . Distilling with frew braked under briler 18.

The Lieutenant Ob. F. W.

Denn & P. Mr. to Onid.

Starlight Flighty misty. Deany dear Light air to gentle breeze from South and IN Deitstling with backed frie under briter 18.

Montgowery M. Youghor to Ensign Q. S. M.

Examined and found to be correct.

J. B. Mellon, Savigator, Lieutenant Q. J. 9.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, I.C.

Phird Rate,

		П	Reading		WIND.				BAROME	TER	TEMI	PERAT	URE.	State of	Forms of	Clear 10ths.	a Sea
Hour.	Knota.	Tenthe.	of Patent Log.	Sluga head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balls,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8	State of the Se
А. М.	Did	al	burrent.	0													
1	. /	5	EH.	Je ly Ch.	9.39.	2:3			30.25	65	65	64		bue	nne	10	
2	1	6		7	Obest.	2.3			30.26	65	64	63				10	ı
3	2	2			"	23			30.27	65	64	63				10	1
4	1	8		N. N. 94.		2-3			30.27	65	64	63		be.w.	cum.	8	
5	0	8				3			30.24					b.c.m.		2	ı
6	0	1	Blood	9.9W.	п	2			30.28	66	65	64			Civ. aum	2	1
7	0	6		9 kg 6.	**	2		1	30.28	66	65	64				4	
8	0	8		98. 49	16.	2			30.30	67	66	65			civi ateal	3	
9	٥	4	1 . 1	98.	Ĝ. √ / Ĝ.	3			30.33	68	67	65		b.c.	cum.	3	H
10	0	8				3-4			30.33	66	66	64			-	3	
11	0	5		6. by 9.		3.4			30.33	64	65	63				6	
Noon.	9	lac	k.	JU €.		3.			30.33	63	64	62		0.0.		1	

Course and distance	re made good since preceding noon by	observations,	knots.		tenths.			
	Latitude by D. R.		0	′	"			
Position at Noon:	Longitude by D. R.		0	,	. "			
Position at Noon:	Latitude by observations of O		0	,	"			
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"			
D 111	(Latitude by		0	,	11			
Position at 8 A. M.	Longitude by		0	,	"			
	(Latitude by		0	,	"			
Position at 8 P. M.	Longitude by		_ 0	,	**			
Current during the	e time, knots tenths pe	r hour, setting to the						
Error of the Comp	ass by Azimuth O observed at	, ship's head	0					
Deviation of the Co	ompass by Azimnth O observed at	, ship's head	0	,	variati	on used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	1	"			
Deviation of the C	ompass by Azimuth O observed at	, ship's head		,	variati	on used,	0	•
Water expended du	aring the preceding 24 hours,		4	00	gallons.			
Water distille	during the preceding	24 hours,	8	95	44			
Water remaining o	n hand fit for use at Noon,		29	00	14			
Coal consumed dur	ing the preceding 24 hours,		tons /	280	lbs.			
Coal remaining on	hand at Noon,		/3 y" ;	130	44			
			,					

						1					-
P. M.							1 1 1 1				
1	1	2	EH.	North	16. by 6.	4	30.33 63 6	3 61	b.c.	cum.	2
2	1	2		1. by 6.	6.16.		30.32 63 6	3 61)	
3	0	6	. 1			4	30.01 60 6.	61		ar.um.	4
4	0	4		A 16.	- 6	3	30.29 68 6	2 61			4
				16. by 6.	16. ly 6.	4	30.27 62 6	2 60	b.c. m.	cum.	. 2
6	0	4	Alord	East.	A €.	4	30.26 62 6	2 60			1
7	0	8		96.		4	30.25 61 6:	60			
8	0	9				4	30.25-616	2 60			٥
9	0	7		96 ly 6.		4-5	30.25 61 6	0 60			1
10	0	5	.,	1	6.46.	4	30.25 61 61	60			0
					East	4	30.24 61 6	161	1 .		٥
Mid.	9	lack	Ł.	6. by N.		4	30.24 61 6	61.			0

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a m Elear and pleasant Gentle breen from Ot I the West. Barometer follow, Their riding to elt tide Dictilling with banked fire under briles B.

Regn Welles for Emign W. J. W.

Ours 4 to 8 a. M.

Cloudy and pleasant. Eight to gentle breze from Phret to N.E. At 500 stopped distribing. At 80 clock crossed injet yard and broad sail to a bruthing. C. O'Keefr (Con) returned on braid 23 hours critical allowed free to dee met in briter 13.

n. J. Coleman

From 8 a. m. to merid.

Daw to cloudy and cook. Sendle to morderate breeze from 6 bl Flip riding to florit tide. Flack water at now. Phentical of quadres of 9.30 a.Mr. The following was about from their form of Black form blook, or blook for the following was about form blook for the form law both of the feel clock when if trans lawed blook for the blook for the form of the blook for the form of the blook for the blook for the blook form to the blook for the form of the blook for the blook of the blook bead. Temperature of magazine 73- forward 69: aft.

WA Caperlow Lieutenant W. F.

Oum Merid. to 4 9.90

Norderate to gentle been from N.E. by E. and E. N.E. Cloudy. Peding to ell tide. J. T Cervity (ago 3.0) returned on braid 4 rhouse mortime. Chanfined P. Rove, J.M. Mate), to the Manne Throughted on show for treatment. From 1.15 to 2.15 executed 1st watch at mailineights work. 2nd watch, quincy and of watch and appeal feel print. 3rd watch, guiney, 2nd watch earle and apacel; 3rd watch, mailineights callmaking and agrals: 3rd prints 1st watch, accounts 2nd watch englished actions 3rd watch, gymnastics. The blyte straws algorigues life the hadre at 220.

> Geor Brack Lieutewant 92.8.9%

George 4 to 8 P. m.

Miety; last two how vorcast. Moderate breze from N.E. and N.E. by N. at 5.40 cent down light yards and topfallant maste. 6 J. Film (app. 30) returned from liberty to home orectime. at 5.20 aroung to flord tide.

Montgomeny Mr. Geryler Energy D. S. R.

Examined and found to be correct.

Roger Welle Jr. Enuga V & M.

J. B. Me Mer, xaripator. Sientensut & F. R.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, T.C.

Third Rate,

	-				WIND.				BAROME	TER.	TEME	PERAT	URE.			Clear 10ths.	*
Hour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Bufb,	Air, Wot Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C 8ky, in 100	State of the
A. M.		tal	Burrent	V													
1	0	4	EH.	St 6. by st.	East	4-5			30.18					0 c.gr.w.	numb.	0	3
2	1	2		J.NE.	4	4-5			30.15	62	62	61				0	
3	1	2		A by 24.	*	2-3			30.14	63	62	61		b.m.w.	none	10	
4	1	3		North		2.3			30.12	63	63	62		b.c.m.w.	cum mind	8	
5	1	0		N by 6.	6.96.	2			30.11	64	63	62		0.c.mv.		0	
6	0	8			\$6.	2			30.09	66	64	64		"		0	
7	90	ack	water	Phith	F. FOL.	2			30.09	66	664	65				0	
8	0	5	Flood.	9 by W.	9W.	3			30.07	66	66	65		"-		0	
9	٥	7	. 1			3.4			30.05							0	
10	0	9	. 1	Louth	f. fo.	3.4			30.04	68	67	65			-	0	
11	0	8		F.O. L. J.	. "	4			30.02	69	68	66				0	
Noon.	0	4	^	. 1		4			29.98	69	68	66		~		0	
		-					-	-	1				1707	-		1	-

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.
	Latitude by D. R.		0 ,	"
D. 111	Longitude by D. R.		0 /	и
Position at Noon:	Latitude by observations of ⊙		0 '	n
	Longitude by chronometer from Fo	renoon Observations of ②	0 '	и ,
D/4/ 0 0 0 35	Latitude by		0 /	"
Position at 8 A. M.	Longitude by		0 /	u .
Position at 8 P. M.	(Latitude by		0 /	
Position at 8 F. M.	Longitude by		0 /	er .
Current during the	time, knots tenths per	r hour, setting to the		
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,
Error of the Compa	ass by Azimuth O observed at	, ship's head	0 /	"
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		variation used, ° '
Water expended du	ring the preceding 24 hours,		400	gallons.
Water	during the preceding	24 hours,		44
Water remaining of	n hand fit for use at Noon,		2480	o "
Coal consumed dur	ing the preceding 24 hours,		tons /0 4 (lbs.
Coal remaining on	hand at Noon,		136 " 1530) 4

Р. М.									
	Flack.	ga.	9.91		2000			cir oun.	
				4-5	29.95-71		0.0.m.	atral.	0
	0 8 686.	Chest.	-	5-6	29.90 71	71 66	, "		0
	1,2 .	Nest.	4,	5-6	29.83 71	71 67	٠,		0
4	14.			5-6	29.87 71	71 67		wint.	0
5	10 _			5-6	29.80 70	70 67		cum und	0
6	06		Olest	5.3	29.82 69	69 67	в.с.д.р.		4
	Surnging	9. ly 94.		3	29.82 69	69 67		11	3
	0 4 Flord	Pinth	W. by 9.	3	29.82.68		b.o.		3
9	0 9 -	4	24 ly N.	3-4.	29.84 68		b.c.g.	4:	9
10	09 .			3.4	29.84 67	65 66	b. q.	None	10
11	07 .	9 21. ly 24.		3.5	29.8465	63 57			10
Mid,	0 4	Otest.	OH N 94.	3 5-	29.84 65	63 57			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m Durcast and equally first two hours. Cleaning last two, at close starlight slight to field beauty from East Dide running elb.

Montgrung M. Leylen. Ensign W. J. N.

Crow 4 to 8 a.M.

Ornicast cloudy and damp Light to gentle breze from 6.96 vering to 9%. I Perry (B.M. 20) returned on brand 47 hours now librity and N. J. The Paughton (Cle), B. Eiler (B.C.) and J. Feller (B.M. 10) returned on brand 24 hours one librity. At colors seen up topgallant maste and crossed topgallant and royal yards. I back water up 7. a.M. Tenny to the flood at 730.

W. Maxirlon Lieutewant U. J. M.

Orom 8 a. On. to Merid.

Theolerate to stiff bury from Inch to II Derivant and cloudy Acting to flood Barouter falling. About 10.15 a m sent the britialius of appentices on about sends the countries of Esset Capitar ; 1 of company in clarge of Level Back; was company in charge of Every Velley Tourise in charge of Every Tourise in charge of Every Sommer and Vered act Turgen Fith in charge of authority parts. Thus the british askers in Jailing Samuel 1 of and with cutting and british book. The battalium askers in Jailing Samuel 1 of and with cutting and while book. The battalium askers in Jailing Samuel 1 of and with cutting and while book. The battalium askers in Jailing Samuel 1 of Samuel Capitalium All March 1 of Samuel 1 of Sam marched to Chains Typas, when the apparatuse were dulted in the Televit of the Conyany and Think of the Battalin. What 11. a. Mr. and talini but came in and accounts action of us. Because in Test of Engelies and accounts 106% lbs. feels beef, 106% lbs. feels ngotables and 86 lbs feels bread. Temperature of magazine 12 formand, 69° aft. Durhauled the hydraulic cylinder of As 1. which A. I the part side Gun No. 44.

From Okerid to 4 J. M.

First to freek bury from F. W. Overeast and cloudy. Barometer felling. Commenced enouging to eld almb 1990, , did not got annual during watch. The wind bring evation the aking evering trucker winds and tide. The battlem of appuration estimated in brand, the batt book load about 3000. During to atom, with brook to and 24 cutter with a cuse of must to pull the earling launch back. He with all the brate everyt Gram Laurch.

J. B. Mailton, Leuteuset W. J. Dr.

Orom 4 to 8 P.m

Overcash closely and equally. First besys from I h, to quetle bress from Ih by I. at 4 30 sent drew toppallant and eyel yards and toppallant and eyel yards and toppallant meater. At 6 30 sering to flood tide.

Roger Welles, Jr., Eneign N. S. Nr.

Denn 8 P.M. to Prid.

South to stiff breeve from Ob by 4. to Ob. N. N. blowing in strong jenffs. blear and pleasant. Promight From at at midnight. Commerced to eving to elt almb 11.30 not animal at end of watch.

Examined and found to be correct.

J. B. Mb illen Leirawant Q. J. R.

J. B. Millo Kavigator.

LOG of the UNITED STATES Thip Essex at anchor in the Harbor of Charleston, S.C.

			Reading		WIND.				BAROME				URE.			lear the.	0.0
Honr.	Knots.	Tenths.	of Patent Log.	Suja head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	0.10
	80	dal -	Curent												1		
. M.						1				1,				0		1.	
1	0	5	EH.	NOW. by W.	. S. N. W.	3.5			29.88					6.9.	none	10	ш
2	1	0		I by W.		3.5			29.88	.59	58	51			,	10	н
3	1	2				3-4			29.88	55	57	52		, T	.,	10	Arres
4	1	2		South	.,	2			29.90	57	56	52		в.		10	ı
5	,	0		1.12.		0-1			29.91					b.c.	cum	8	ı
6	0	3	1	N by 24.	PQL.	1-2			29.92		1					8	N
7	0	2	Flord	· 91.92		1-2			29.93					4	ane	10	ı
•			CENTO	991. ly 8.	Q1. 9Q1.	2			29.94							10	ı
8	0	3	"			2.3										10	у.
9	٥	2		Fouth.	Orest	1			29.93								N
10	٥	8		9. by 81	•	3			29.92					۸.	-	10	A
11	0	4		9.9.91		4-5			29.89	64	62	. 59		lo.g.	-	10	
oon.	9	Plac	R	99 by 94.		4-5			29.87	65	63	60			-	10	

Course and distant	ce made good since preceding noon by	observations,	knots.	tenths.	
	Latitude by D. R.		0 /	u .	
	Longitude by D. R.		0 /	"	
Position at Noon:	Latitude by observations of O		0 /	и	
	Longitude by chronometer from Fo	renoon Observations of O	0 /	"	
	(Latitude by		0 /	n	
Position at 8 A. M.	Longitude by		0 /	"	
			0 /	u	
Position at 8 P. M.	Longitude by		0 /		
Current during th	e time, knots tenths pe	er hour, setting to the			
Error of the Comp	oass by Azimuth O observed at	, ship's head	0 /		
Deviation of the C	Compass by Azimuth O observed at	, ship's head	- 0 /	variation used, o	- 1
Error of the Comp	oass by Azimuth O observed at	, ship's head	0 /	и	
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0 /	variation used, 0	•
Water expended d	uring the preceding 24 hours,		500	gallons.	
Water	during the preceding	24 hours,		*	
Water remaining of	on hand fit for use at Noon,		1980		
Coal consumed du	ring the preceding 24 honrs,		tons 880	1bs,	
Coal remaining on	hand at Noon,		136 " 650	44	

P. M.	0 2	abb.	O4. by 9.	Otel	3.5	29.83 6	·y 6	5 58		lq.	none	10
2	06		94 18 94.		3.5	29.82 6	9 6	7 5	7	4		10
3	19	~	194.		3-5-	29797	70 6	8 5	7	bog.	cir. cum.	9
4.	2 0	**	AN. ly N.		3.5	29.78 7	70 6	8 5	7		,	9
5	16	٠,	194		3-5-	29.77	70 6	8 5	7		,	9
	0 5		**	9.904.	3.4	29.77 6	8 6	7 6:	U			9
7	Flace	ú	994.		3	29.77 6	65 6	5 61				9
8			9. ly 04.	••	3	29 77 6	5 6	5 6)	b.	now.	/0
9	٠.		9.98.	99.	0-1	29.78 6	64 6	4 60		B.o. W.	cir.cum,	3
10	, .		6.46	North	5.6	29.82 6	59 5	9 5	4			9
	-5		16. 46		8.7	29.86 5	8 5	8 5.			" _	
Mid.	-		16. by 1.		5.7	29.88 8	57 5	7 5:	b	1.	-	4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

MA Caperton

Fine + to 8 a. 9.

Eight aire to light bruse from it is to the Blear and pleasant. Dide turned flood at 6 30. Level up topicalland marker and topicalland sprice and loved sail at 7 15. Horited out cailing launch. We ach lighter came alonged at 7.46. Account in Dept of Pupplies and accounts, 106/4 the field heef, 106/4 the field mystatic, and 85 the field heef, 106/4 the field mystatic, and 85 the free bread.

Quare Cearen

From 8 a. M. to Merid.

Sentle to etiff buy from heely allowing in occasional strong equalle blear and pleasant. Flored tide until 11.30 when emouseed surviging to Et. Dordanted hydrandis cylinder of term No. 49. Towns No. 1 Papiro Fre Melle and from it is good contition. At 9.40 and the bittalin of appentices on show, in traw Samuel, Paining Samuel, 12 and 12 and 12 have been found the rate of the broke. After the battalini was landed the boots was tried back to the alip and were and asknowagain for the battalin at 1150. The battalini was marchests Gravin Equal when it was distributed in the Febrol of the Company and the Febrol of the battaline. The battaline was in command of Such Caputer, Suit black in charge of 14 Company Energy Cheller in charge of 2nd Company Everige Coleman adjutant, Everige Taylor in charge of Person Pend Secretary Sugar Taylor in charge of Person Pend Secretary Sugar Toler Communicacy. Engaged during formor in making paparation and in setting up branching Sunguation of magazin 72 found 69° 44.

> . B. Mailton. The Lieutenant U. S. N.

mend to + 9 m

blear and placeant bentle to stiff brey in equally from Heet. Barmeter falling to rited ealing bannels and 2rd cutter because in braid you gallow of freel water for washing the appointing under direction of new engaged in setting up standing rigging.

Roger Welles, fr.

From H to 8 P.m.

Clean and pleasant. Gentle to moderate breze from F.F.D. Al 6-30 cent drum topgallant measter and yarder and house 1st arther and dengly. At 5-30 mentions at Oversteen and event out clean harmococks. At T-00 securing out also 7.00 Jeunged out ahip.

No. J. Cod sman Eurige V. S. N. From 8 P. M. to Mid Dais fich how, then clear and cook, and cloudy last how. Tight air from IN wide 9 to when the word auddusty came up it to fresh bregge in frequents feel 5theren 9 and 100 clock. This inding across wind and tide. Barmeter viving rapidly WA aperton.

unc Leute and M. In J. B.M. ilton, Lintural On & M. Changeton

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston Fl.

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.		Forms of	Tear the.	Bea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	Jid	lab G	urent														
A. M.	0	8	_	North	N by 24.	5.6			29.89	56	56	50		b.c.q.	cir our	. 5	
2	0	4	_	19.	-	4			29.89					b. 91.	none	10	1
3	0	8	Eb4.	Jr. J. 94	•	3-4			29.90	52	53	47		b.		10	L
4	2	3		4	4	3			29.90	5-1	52	46		-:-	-	10	
5	1	4				2.3			29.92	50	51	46		b.c.	cum	F	
6	1	4		N by 94.		2			29.95	48	49	45		*		8	
7	0	5				2			29.98	48	49	44		b.	none	10	
8	0	2		. North	North	3			29.98	50	50	46			-	10	
9	g.	lace	e !	4.46.		3			30.00	52	53	47			-	10	
10	0	8	Flord	6 96.		a			30.01	55	55	50		-		10	1
11	0	8		9. by 24.		3			30.02	56	59	52				10	-
Noon.	0	6		\$ by 6.		3			30.03	60	62	55			-	10	
				0													

Course and distance	e made good since preceding noon by observations,	knots.		tenths.	
	(Latitude by D. R.	0	,	"	
	Longitude by D. R.	0	'	"	
Position at Noon:	Latitude by observations of O	0	,	"	
	Longitude by chronometer from Forenoon Observations	of ©	/	ii _	
	(Latitude by	٥	,	et .	
Position at 8 A. M.	Longitude by	0	- /	и	
		۰	- /	и	
Position at 8 P. M.	Longitude by	o	,	N	
Current during the	time, knots tenths per hour, setting to the				
Error of the Comp	ass by Azimnth O observed at , ship's head	٥	- 1		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	٠	variation used,	0
Error of the Comp	ass by Azimnth O observed at , ship's head	0	,	"	
Deviation of the C	ompass by Azimuth O observed at , ship's head		,	variation used,	0
Water expended du	aring the preceding 24 hours,	12	80	gallons.	
Water Alcur	during the preceding 24 hours,	16	00	44	
Water remaining o	n hand fit for use at Noon,	2.3	00	**	
Coal consumed dur	ing the preceding 24 hours,	tons	380	lbs.	
Coal remaining on	hand at Noon,	135 - 1	910	86	

1			-						
P. M.			. 1			1 1			
1	0	3	Flord	90x by 9.	Ch. A.W.	3	30.04 63 67 58 b.	now	10
2	0	17	Glack	2. by F.	A N 64.	3.4	30.04 65 64 55		10
3	0	2	Ebl	N W. by A	Otest	2	30.04 65 64 56		10
4	1	2	-	A by W.		2	30.04 65 64 56		10
5	2	0	1 .	N. N. W.		2	30.04 65 64 56 b.	mv.	10
6	2,	0		"	N 94.	2	30.04 65 64 56		10
				N orth	A by 84.	2	30.04 65 64 56		10
8	0	8		A by 6.		2	30.09 63 62 54		10
9		The	rch	16.	4.16	4	30.10 58 59 52		10
10	0	4	Flord	6.98.		4	30.14 58 57 51 1	9.	/0
11	0	6		86. by 6.		4	30.14 56 55 50	1-	/0
Mid.	. 0	6	~	. 0		4	30.14 55 54 48 -	1.	10

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mednight to 4 G M. Stiff to fresh being from N by & Having in heavy equally first home, moderating during remainder of watch Elmay and theretoning first home, afterwards clear wich bught startight. There set at 106. Flory eld todo running after 230

Grand Suiden and W. In

From it to 8 h. Mr.

Shear and cool. Eight to quitle breys from it by be and North. Frutted brancows it of 30 and up trygallant master and trygallant rand royal yards. Received 900 gettine fruit water. Received on Pay Expertment 106/4 lb. buf, 106/4 lb orgatables and 85 lb. brad. Riding to all

Herrygoung to Leylor Engy M. F. Engy M. J. M.

From 8 a. M. to Preside.

Clear and pleasant. Gentle breef from North. Barometer rising at 9.80 musticed at a greater the following men orietying liberty. I Drummy (app 30) 6 T. Mille (212) and J. T. Gentlem & Mars. at 9.45 lowed and each early grey and dusplay rest returning to the edge till 1145. At 1150 went to quarter and turned in Serial land amounted. Surprise of magazine 70° forward and 66° aft.

Roger Welles Ja.

Firm Merid to 4 9 M. Chear and phrancely Gentle to moderate been from N NO to West at 115 the 12 and 2nd cutter whatebook upg and dingly in charge of an office and their crumine with appendice about exclude at to F of Sunter landed, and at 3 o'close stood bases towards the ship

n. A. Colman Eurige W. F.W.

From 4 to 8 PM bleavant pleasant, with high have one land. Light breeze from West viewing to N by 86. This riding to the effection. At 6 PM. sent down topiquelant and eyes yarde. Sent library party of new asker.

W. Raperton Leutement V. J. W.

Geo. R. Clark V. 8%

Examined and found to be correct.

J. B. Me illon, Services.

LOG of the UNITED STATES They Essex At anchor in the Harbor of Charleston Th.

Reading of Patent Log. Bureal	COURSES STEERED by Standard Compan. Thijs head 6. by F.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	ate of the
Flord													P= 00	89
	E. h. F.	4 4												
		South	3-5			30.13	55-	54	48		b.91.	none	10	
	East.		3-5			30.12	53	53	47				10	
lack	Shorth		3.5-		1	30.12	51	51	46-		b.	H	10	
	N 46.		3		F.	30.11	50	50	45				10	
	Ne 94.	A by Ob.	2		-	30.12	49	49	45		b.m.		10	1
		N. N. 94.	3		-	30.13	49	48	45		b.c.m.	etral.	9	
-		*	3		1	30.14	47	48	45		b.m.	in	10	
	North	A by Ot.	3			30.15	50	50	47				10	
	1. by &	Ally S.	3			30.18	52	53	49				10	
	1. N &.		3			30.18	5-6	57	51		**	٠.	10	1
Flord	6.46.		3.4			30.18	58	58	52		٠.		10	
8 -	6 by 9.		3.4			30.16	58	58	52		**		10.	
	âH.	Ebb. N by 6. N by 94 A by 94 A by 94 A by 6 A by 6.	Ebb. N by 6. N by 8. N by 94. N by 94. N by 94. N by 6. N by 6. N by 6. N b 6. Flord 6.N 6.	6. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	Ebb. N by 6 3 N by 6 4 by 94. 2 N by 94. N by 94. 3 N by 94 3 N by 6 4 by by N. 3 N by 6 4 by by N. 3 Thomas 6. N 6 3 Flood 6. N 6 3	6th Ny 6 3 1 2 1 3 1 4 5 4 5 6 N 6 3 1 4 5	Ebb. N. by 6. 3 30.11 N. by 8. N. by 8h. 2 30.12 N. N. 44. N. N. 9h. 3 30.13 N. by 9h. 3 30.14 N. by 6. N. by 9h. 3 30.15 N. by 6. N. by 10h. 3 30.15 Thent 6. N. 6. 3.4 30.18	Ebb. N. by 6. 3 30.11 50 N. by 81. N. by 81. 2 30.12 49 N. hy 84. N. hy 84. 3 30.14 47 N. hy 84. 3 30.14 47 N. hy 84. 3 30.15 50 N. hy 6. 3 30.15 52 N. hy 6. 3 30.15 52 Thent 6. N. 6. 3 4 30.18 52	Ebb. N. by 6. 3 30.11 50 50 50 50 50 50 50 50 50 50 50 50 50	Ell. No. 18 6. 3 30.11 50 50 45 No. 18 18 18 18 2 30.12 49 49 49 45 No. 18 18 18 18 18 18 18 18 18 18 18 18 18	## 30.11 50 50 45 Alf &	Ebb. Noly 6 Noly 6 Noly 94 Noly 94	Ebb. Noly 6 3 30.11 50 50 45 "	Ebb. N. ly 6. 3 30.11 50 50 45 10 N. ly 4. N. ly 4. 2 30.12 49 49 45 b.m. 10 N. ly 4. N. ly 6. 3 30.13 49 49 45 b.m. etner. 9 N. ly 4 3 30.14 47 48 45 b.m. imme 10 N. ly 4. 3 30.15 50 50 47 N. ly 6. 3 30.15 50 50 47 N. ly 6. 3 30.15 52 53 49 N. ly 6. 3 30.15 52 53 49 N. ly 6. 3 30.15 52 53 49 N. ly 6. 3 30.15 52 53 53 49 N. ly 6. 3 30.15 52 53 53 49 N. ly 6. 3 30.15 52 53 53 49 N. ly 6. 3 30.15 52 53 53 49

Course and distance	e made good since preceding noon by	observations,	knots.		tenths.	
	Latitude by D. R.		0	_' _	"	
	Longitude by D. R.		0		"	
Position at Noon:	Latitude by observations of O		۰		u	
	Longitude by chronometer from Fo	renoon Observations of O	۰	1	"	
	(Latitude by		•	-	"	
Position at 8 A. M.	Longitude by		۰	_	"	
	(Latitude by		۰	,	"	
Position at 8 P. M.	Longitude by		o	,	"	
Current during the	e time, knots tenths pe	r hour, setting to the				
Error of the Comp	ass by Azimuth O observed at	, ship's head	٥	/		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	٥	,	variation used,	- 0 '
Error of the Comp	ass by Azimuth O observed at	, ship's head	۰	-	"	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	٥		variation used,	0 '
Water expended du	uring the preceding 24 hours,		45	0 g	allons.	
Water	during the preceding	24 hours,			44	
Water remaining o	n hand fit for use at Noon,		186	50	44	
Coal consumed dur	ring the preceding 24 hours,		tons 3	60	lbs.	
Coal remaining on	hand at Noon,		135 " /3	50	44	

Р. М.					[11							
		4	Flord	96.	1.16.	3-4	30.16	60	66	58	b.	none	10
2	0	5		East	North	3-4	30.14	64	66	68	-		10
3		Flac	0	North		3.4	80.10	64	64	6.2			10
4	0	4	EH.	104.	-	3.4	30.10	64	64	55	-		10
5	0	8	4	North	1. 1. 21	2-3	80.11	66	64	56			10
6	_ 1	1 2		Aly M.	A by 24.	2	30.13	66	64	56	b.m.		10
7	0	4		19 by 1.	N 04. by N.	1	30.14	65	63	2.9-	b.o.m.	cum	9
8	0	6		South	P.OX.	2	30.16	63	61	2.3	b.	none	10
9	0	17		J. by 6	9. by 04.	2	30.18	62	60	52			10
10	٥	2		£6.	0	2	30. 19	61	59	51	b. on w	-	10
11	0	5-	Flord	Louth	-	2	30.19	59	57	50	1 - 1		10
Mid.	0	19				2	30.19	59	57	50	1 - 4		10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Quidnight to 4 a M. Clear and cool Gentle to freek breeze from North . Flack water at 30 clock. Mome set about 2:15.

Montgowy M. Taylor Energy W. J. M.

Firm it to 8 a.m.

Elean and cold. Eight to gentle been from N by N. to N N Baroneter rising. This riding to abl tide. At 7.30 circuit topgallant yander. Hereund "03% lbs negitables, 1034 lbs. bif, and 80 lbs. brade which paced inspection.

Roger Weller Jr. Energy W. F. N.

Trom 8 a. On. to Merid.

Clear and cool. Gentle to moderate been from N. W. by N. U. 930 sounded call to General Quarter and director reported mady as follows: Expiners Director 9.31; Warrigator's Director 9.35, after Pooler Director 9.34, 2 Director 9.36, Downwell Onder Director 9.35; 1 Director 9.35; 3 Director 9.35.

Commenced service at 9.36. Feward at 9.55. Navigator's director, fished for your and security for stay and got asked fring up for plugging also kolosion slight end. 41.045 somewhat call, instruction for worth one dish and called away "and we Called away" and we Called away "and we Called away" and we Called away "and we Called away" and we Called away "and we Called away". The following absentees were reported: I Dummer (App's a), J. P. Vickolson (CM, 30) E. T. Wille F. (c.), Imperature of magazine 75 forward, 65° aft. Orchauled hydraulic Efluders of Genes Nos 47 and 50, 4° A. G. G. Dested magazine flood cocks and found them in good condition and working order

n. D. Coleman Enign Qu. G. M.

From Mered. to 4 J.M.

Clear warm and pleasant Light to moderate begge from A. V. E. and North. Flack water at 30 clock and survey to the West at 30 clock and survey to the West at the West and 30 clock and water and early in brate during 3th and 4 general . 1th water who we like to at 10 clock Quehanded hydraules cylinder of Nos 43 and 48, it R. S. kins and found there in good condition. A A Jama Clear was the day decharged from the W. E. Nard Terre by other of the Burew of hangetin and F. Canimi (Resultate) was the day transfound to the Raul Hughtel of for testing. Lieutenant U. F. K.

Seutle brey to light and hauling from N. N. 2 to J. N. Clear and pleasant. Est title. Sent a librity party of new alter. Appenticu librity party returned except the following named brye: F. allen, E. andrewe, J. S. Brown, E. E. Brown, S. Escal, J. B. Johnson, S. Escal, J. L. Johnson, F. Carrey, and J. S. Wardell, J. W. Lingen & B. Naleir, N. J. Worten, M. S. Wardell, R. E. Eraham, F. Carry, all 405 exercised at few quarters: " Since : 2nd division , 2'10; 8rd direin, 3'20; Pomber division 1'15; Assignton division 8'20". Roeak,

From 8 P. M. to Onid.

Light breeze from F. by N. Clean and pleasant. about 10. commenced inverging to flood, got around about 10 20. The following apprecia extrused on bound to home metime: F. allen J. Dave, E. Gandert, 18. J. Haury,

1 X. ... and E. N. Drickt

Examined and found to be correct. a. Hear and E. M. Wright

J. B. Me illon, Leutenant Os & De J. B. Moillen, Navigator. Seutenant 21. J. M.

LOG of the UNITED STATES Thip Essex At anchor in the Harlor of Charleston S. 6.

			Reading		WIND.	WIND.			BAROMETER. TEMPERATURE.						Forms of	Clear Maha.	Sea.
Hour.	Knota.	Tentha.	Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of C	State of the
A M	Did	al l	Surent	0												П	
			Flord	G. 9 €.	9. by 24.	1			30.16	59	59	57		6.m.	none	10	
		2				1			30.13	58	58	56		**		10	
3	0	4	p.	9. by E.		1			30.73	57	57	55		*		10	
4	(tlac	k.	991.		1			30.13	5.7	5.7	55					
5	1	2	864		balm.	0			30.12					b.c.m.			
6	1	0	-	A by Ol	N. by W.	1			30.15						none		
7	1	2	-	N. N. 94.		2			30.16						"	10	
8	1	2	-	N orth		2			30.18						strak		
9	٥	9			Ib orth	2			30.20						none		
10	0	8	-			2			30.21	64	61	56		**	4.1	10	
11	0	2		N E. by N.	N. E. by N.	1-2			30.20	66	64	56					1
Noon.		Plac	k	N E. by N. Gwriging	*	1-2			30.19	67	66	58		b.c.m	cir teat	9	

Course and distance made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.	0 /	"
Longitude by D. R.	.0 /	n
Position at Noon: Latitude by observations of O	0 /	n
Longitude by chronometer from Forenoon Observations of O	0 /	и .
(Latitude by	0 /	
Position at 8 A. M. Latitude by Longitude by	0 /	n .
	0 /	u .
Position at 8 P. M. { Latitude by Longitude by	0 /	"
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth O observed at , ship's head	0 /	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	٥ .	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1	"
Deviation of the Compass by Azimuth ⊙ observed at , ship's head		variation used, o
Water expended during the preceding 24 hours,	950	gallons.
Water during the preceding 24 hours,	,	4
Water remaining on hand fit for use at Noon,	900	*
Coal consumed during the preceding 24 hours,	tons /280	lbs.
Coal remaining on hand at Noon,	135. 70	46

P. M.						11		1							
		5	Alord.	9 ly E.	Pouth	2.3		30.19	68	67	59	l	1 r. c. m	cir. stul	. 9
2	0	9	**	~		2-3		30.14	68	67	59				9
3	0	9		-		2.3		30.09	67	66	58			1 .	5
4	0	8		South		2.3		30.08	65	66	5-8				5
5	9	lae	k.	. I W.		2-3		30.08	66	66	58		4		5.
6	0	4	&H.	Otest	4.	3		30.10	68	66	59		6		6
7	, 1	2		A. by 04.		3		30.10	63	64	60				6
8	1	4		-		3		30.10	63	64	60		¥		7
9	1	2			Ofest	1		30. 10	63	64	60		4		7
10	/	0			,.	1		30. 10	63	64	60		4		7
11	0	4	Olord	16. by N.	Calm	0		30.10	63	60	60				7
Mid.	. 1	2		9. by 6.		0		30.08	63	60	60				6
				1											

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 0, 94. Elsan with light mich. Eight and from Fly M. Baronster falling. Riding to flood tide Ligh water slack at 4 00

Roger Weller h. & 9.

Jum 4 to 8 D. M. Tazy and cool balow to high breef from I be a construction of Edgelie and account the following fresh province 100 lb. bef. 100 lb. cogetable. 80 lbs. break

n A Coliman Ensign W. J. 2

From 8 2. M. to Mered

Flack water at 11 30 and awaying to all tide. It Samuel and J a Rack (specie 30) extressed on braid to a hour or trained Demograture of magazine of fee found 66: aft I charmer to be been of section of the term of Who aperton

Quenterant 9.3 % Dean Trend to 4 9 %. Sand return to the fight to quite berry from Turth. Fair and pleasant. Flood tide. Sent librity yearly of injunities (2 described) and may ashoo. It. A. Emysion and & F. Chelker Casion. E class. estimated by brill 19 hours cretimes. J. F. Palakan & J. 3.0.) was brough on brand by the Naster 28 Rune 3 days and 9 hours octions. The & F. Eterne Breke came in at 45 Pannan (L. 8 sais) was the way divelaged by man of expension of entires.

Que to Sentenger & & &

Dum 4 to 8 9.90.

Meety and pleasure Gentle Group from Enach Link. I & Fuedle left the ship with order to regard to the General and the Gentle Group of the fresh of the field for treatment in the General Respected at that place , Therefore in Light of Supplies and Scientists and 76 lin feels back leef, got the feel regatable and 76 lin feels back leven to the title almost 4.30.

Hurteforen M. Laylor & Greigh a & M.

From 8 P. M. to Orid.

Meety and pleasant Eight Meetich, are and calme Baronite steady the following appendice estimated from liberty 5 hours overtime: - J & Emaker F & Saline & F France of Member J M. France D. D. Wald.

Roser Weller Jr.

Roger Welle Jr. Enuge & & N

Examined and found to be correct.

J. B. Me More sorgens.

LOG of the UNITED STATES. Thip Essex At anchor in the Barber of Charleston, \$6.

			Danking		WIND.				BAROME	TER	TEMPERATURE.			State of	Forms of	Clear 10ths.	e Sea.
Honr.	Knote.	Tentlie.	Reading of Patent Log.	COURSES STEERED by Standard Company.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Buib.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of the
A. M.	Jida	el E	summet														
	,	4	Flord	9.96.	fox.	1-2			30.08	61	61	59		b.c.m.	ciratia	9	
	,			9 ly 3		1-2.			30.07							9	1
3	0	8		Porith	*	,			30.06						4	7	
4	0	7			**	0-1			30.06	60	61	59				7	L
5	Ŝ	ack	,	Fly E.	balm	٥			30.08	60	61	59		-		7	
6	9	urag	ring to d	et Jed. by Ot.	West.	0-1			30.10						Cir. cum	. 5	
7		6		I by I	I De ly Ch.	1			30.13					-	-	5-	Н
8	- 1	2		4 364		1-2			30.13						mil	2	
9	1	5			F. %.	2,			30.12					b.c.	cumit	, 2	П
10	1	6		It orth		2			30.12	66	66	63				2	Ш
11	0	8		Jr 64.		3			30.18	67	67	63		~	-	3	
Noon.		Fla	ck	F. by 94.	Fouth.	3			30.12	69	67	63			-	3	

Course and distance	e made good since preceding noon by	knots.		tenths.			
	Latitude by D. R.		٥	'	"		
	Longitude by D. R.		0	•	"		
Position at Noon:	Latitude by observations of O		٥	,	"		
	Longitude by chronometer from Fo	orenoon Observations of O	۰	-	**		
	(Latitude by		0	•	11		
Position at 8 A. M.	Longitude by		0	,	"		
Position at 8 P. M.	(Latitude by		o	1	w		
	Longitude by		٥	,	w		
Current during the	time, knots tenths pe	er hour, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	•				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	٥		variat	tion used,	٥
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	1	"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variat	tion used,	0
Water expended du	aring the preceding 24 hours,		4.	50 g	callons.		
Water receive	during the preceding	24 hours,	8	00			
Water remaining of	n hand fit for use at Noon,		12	50			
	ing the preceding 24 hours,		tons 9	60	lbs.		
Coal remaining on			134 - 13	50	44		

Р. М.							1	1					*		
		4	Flord	South	Ply 4	2-3		30.11	70	68	63	6.0.	cir. cum	4	
2	0	5				3		30.11	70	68	63	*	cir.	4	
		7		9. by 6.	9.99.	3		30.10	70	69	64		eir eum	. 5	
			~		9. by 24.	2.3		30.08	70	69	64		-	5-	
				Poutle		2-3		30.10	70	69	64		B44.00	4	
		2				2.3		30.09	67	67	64			4	
			Ebb.	Ohest.	9.96.	12-3		30.07					Cum. smit		
				North		3		30.05	66	67	65	0.0d.	mint.	0	
					Louth	3		30.11	68	66	65		-	0	
						2		30.11				0.0.10		0	
				16. by 6.	96.	2		30.11						0	
Mid.						2,		30.11						0	
									1						

, U. S. Navy,

, 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

(Mednight to 4 a. On

Hazy and cool. Mornlight Light airs to light breeze from I. M.

M. J. Coloman Energy D. J. M.

From 4 to 8 a. m.

Cloudy and bagy. Calm and light aim from Hest and N. M. by M. Guring to the ell-tide at 5.45 Flack water at 8.15. Plater brat came alonged at 7.45 and commenced taking in fuel water at 7.50.

W. D. Capurton Lieutewant Ou J. M.

Oum 8 a. M to Merid

Crew at greater at 9.30. The following named appendixed were about intermed leave: J. Drummey, E. Andrew Johnson, C. E. Chenow, No. 11. Ellectroge at to Johnson, J. Moore, F. Perry, R. J. V. oteran N. C. E. Seaham, E. R. Clark, S. Ellectroge at to Johnson, J. Moore, F. Perry, R. J. V. oteran N. C. E. Seaham, E. R. Clark, S. Ellen, E. a. Sill, B. a. Sill, B. S. Leven, J. Navanagh, L. Schmitte, P. J. Enghlin, J. A. Marquard J. Party, J. Neyer, J. O. Norm, R. a. Clem, R. C. Chen, R. C. Chen, J. J. Songhim, and G. C. Esmen, R. C. Chen, J. C. Chen, J. J. Songhim, and G. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. C. Chen, J. J. Chen, J. C. Chen, J. Chen, J. C. Chen, J. Chen, J on board the first fix meetined 41/2 hour and the other 17/2 hour overtime. Clevered on board from water boat 800 gallow of fuel water. Temperatur of magazine 70° forward, 66° aft.

Gene Clean Quel. 9.

From Oresid to 4 P.M

Clean and pleasant. Gentle buy from I. by W and I. F. W. H. a. Olson and a. a. Marquard (appies 3 2) returned in braid 21 limes one time and B. M. Sternition (legg & c) , I have writing. Riding to flood, F. Harner culisted for they year as Carpenter Easte 1 class.

Hundroneng M. Lengler Ensign V. F. M.

From 4 to 8 9.9%.

Clocky with duyding nain last how. Fight to gentle brey from I by M. to I. F. Baroneter falling. Many writers no brand to 6 00. Bristal first vetter and zig. At 7.35 the following appreciation returned on brand:-6.6 Comm 49 to bound return and Philip and & R. Pour both 25th knew writins.

Roger Welles. h. Ensign Qu. F. N.

From 8 G.M. to Mile.

Cloudy with light passing shower Light breen from South The following apprentices returned about oritime: J. Havanagh 28 kmw: a. Meyer 28 kmw, 6 Lohneller 28 kmw: J. L. Morre 52 kmw.

2. A. C. Lennes

N. S. Goleman Energy U. S. M.

Examined and found to be correct.

J. B. Me illow Navigator. Lieutewant W. S. M.

	Ī	F	Reading		WIND.				BAROME	ETER	TEMP	ERAT	URE.			lear the	Sea.
Honr.	Knots.	Tenthe.	Palent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.		al l	rement	U													
1	0	,	Flord.	Linith	Inth	0-1			30.13	66	65	64		O.C. N.	cum. mini	. 0	
2	0	4	,	1.	9. by 6.	1-2			30.12	65	64	63		41	muil	0	
3	0	8		9.86.		2			30.12	65	64	63				0	
4	0	6		98.	F6.	2.3			30.11	65	64	63		0.c.n.l.		0	
5	٥	5	1 - 1	96. by 9.		2			30.10					0.c.l.	-	0	
6	0	1		Pnich	-	1-2			30.12					b.c.	pen mil	3	
7		9h	rek			1			30.13					~	. "	2	
8	_/	0	£14.	Sorth	Gast.	2			30.16	64	64	64			cir eum	1	
9	. /	5			6.96.	2.3			30.19	66	65	64		b.e.m.	cum.	2	
10	1	8				2.3			30.21	67	65	64			-	4	
11	1	9				2-3			30.22	67	66	64				6	
Noon.	1	9		A. by E.		2-3			30.24	67	66	64				7	

Course and distant	ce made good since preceding noon b	y observations,	knots.	tenths.
	Latitude by D. R.		0 /	"
	Longitude by D. R.		0 /	H
Position at Noon:	Latitude by observations of O		0 /	н
	Longitude by chronometer from Fe	orenoon Observations of ©	0 /	н
	(Latitude by		0 /	"
Position at 8 A. M.	Longitude by		0 /	"
	(Latitude by		0 /	"
Position at 8 P. M.	Longitude by		0 /	u
Current during the	e time, knots tenths p	er hour, setting to the		
Error of the Comp	oass by Azimnth O observed at	, ship's head	0 '	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 /	variation used, o
Error of the Comp	ass by Azimnth O observed at	, ship's head	s /	u
Deviation of the C	Compass by Azimnth O observed at	, ship's head	0 1	variation used, °
Water expended di	uring the preceding 24 hours,		450	gallons.
Water	during the preceding	24 hours,		44
Water remaining o	on hand fit for use at Noon,		800	**
Coal consumed du	ring the preceding 24 hours,		tons 960	lbs.
Coal remaining on	hand at Noon		tons 960	4

P. M.					-						
1	Flack	E. by 9.	6.96.	2-3		30.2/	69 6	7 66	b.o.m.	cum.	9
2	0 6 Flord	0	96. ly 9.	, 2		30.21	69 6	8 67			
3	0 7	**		2		30 20	69 6	8 67	le me.	MAN	10
	0 5			2		30 19	69 6	8 67		40	10
5	0 2	96. by 9.	-	2		30.19	69 6	8 67	**	.,	10
6	8 4 .	96.	-	2		30.18	67 6	7 66			10
7	Flack			2		30.19	68 6	7 66		٠,	10
8	Tunging	North	96.	2		30.19	67 6	7 66		٠,	10
9	1 8 EH.			1.2		30.24			b.m.w	"	/0
10	2 4	4	9. 8E.	1-2		30.24	68 6	7 66		*	10
	2 5	*	balm	0		30.24	68 6	7 66			10
Mid.	2 2			0		30.24	68 6	7 66			10
-								'			

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On.

Cludy with passing shown and rain. Eight win and breeze from Louth and I by 6. Turing to the flood tide at 12.30 (non set alm) 3.50 a.M.

WB Caperton. Leitenant U. J. M

From 4 to 8 a. M

Eight airs to light here from IE and East. bool and clody. Firing to the elb tide. Received on braid in Pay Tepartment 83% lbs fresh braf. 83% lbs. fresh bragetables and b4 lbs bread. At 8 00 correspondenced engle guide and broad each.

Gen R. C. Lintensul V. J. M.

From 8 a. M. to merid

(Priety and warm. Gentle breeze from E. F. E. At 9.30 mustered at quarters, following absenters: E. P. Prille (Fic), J. Drummey E. andrum J. L. Brown E. Perry, E ob black. & a. Lill & O from and E. T. Philliams (approx 3th close) Received in Construction Department 300 feet milled white lumber and in Equipment Department two cords wood and two barrels land oil . The Commanding Office made an officeal muit to the Os. F. b. Back. Immediately after quarters called all brate arm and away (except dugly and exercised at tactice under vars. Cliding to ell tide. at 11.30 fulled sail Temperature of magazine 71 formul

mordjoury M. Layer Energy O. J. N.

Orom Merid to 4 P.M.

Phit, and pleasant. Eight air and begger from E. F.E. grid J.E. by J. Barroneter falling Sunnin gand workauled the coluder of the 5 gds Hotelker R. F. Mine. at 100 the 3rd watch new grine movely money and their blots or alm. In first watch had mailurgers examenching values and segnals from 1.15 to 2.16; gunning from 1.30 to 3.30 and accounts from 3.45 to end of watch. The second witch had brak encine and cumming from 1.30 to 3.30 and bradewords from 3.45 to end of watch. This enough to floor tide at 12.45. watel. This arring to flood tide at 12.45

Roger Welles Jr. Energin M. F. M.

Prome 4 to 8 P.m.

Clear and pleasant Light breeze from 96 by 9. O Perry (Cyp 3c) returned or brand having been absent overtime 72 hours. At 6.50 seek daw toggetlant and copt garde. Likety party of brye returned in breed Received on brand there barrels of oil in Togl. Beam Engineering.

N. J. Coloman N. J. Coleman Ensign Q. J. M.

From 8 9 M. to Paid.

Clear and damp. Bright starlight and monlight night balow and light wir from 96. and 9.96. This valing to the elt hile.

Examined and found to be correct.

J. 13. Moillon, Leutenant & F. ON

LOG of the UNITED STATES Thip Essex Third anchor in the Habon of Charleston, \$6.

_	-	-					_		T	-			_				4
1			Reading		WIND.				BAROMI			PERAT		State of	Forms of	Clear 10ths.	of the Sea
Hour.	Knote.	Tenths.	of Patent Log.	Shipe head	Direction by Standard Compass.	Fores.	Heal.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 1	State of t
A. M.	Did	al t	current														
1	9	tla	ek,	16. by N.	Calm	0			30.22	.66	66	65		b.w.	none	10	
2	0	5-	Flore	98. 8, 9.		0			30.21	66	66	65				10	
3		7		9. 86		0			30.20	66	66	65			-	10	
4		7			**	0			30.20	66	66	65			-	10	
5	0	5-				0			30.19					b.c.m.w.	cum.	9	
6	0	4		,,	2.	0			30.19					b.c.m.	cir . cum.	8	
7	0	,	-	. g. ga.		0			30.20					b. m.	none	10	
8	~	una	varie t	&lf.		0			30.22	65	66	65				10	
9	1	7	Ell	N. by 24.		0			30.25	69	68	67		.,	ža.	10	
10	1	8		1. 1. 94.	Q. J. W.	2			30.28					b.c.	cir. um	5	
11	,		i	North		2			30.28							5-	
Noon.		1	-	A by 94.	gov.	2			30.27							5	
				0					-	-	_	-	_				-

Course and distance	e made good since preceding noon by	observations,	knot	5.	tenths.	
	Latitude by D. R.		٥	•	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	"	
	Longitude by chronometer from For	renoon Observations of ②	0	,	"	
	(Latitude by		0	,	"	
Position at 8 A. M.	Longitude by		0	,	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Latitude by Longitude by		o	,	u	
Current during the	time, knots tenths per	hour, setting to the				
Error of the Compa	ass by Azimuth O observed at	, ship's head	٥			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	٥		variation used,	
Error of the Compa	ass by Azimuth O observed at	, ship's head	c	,	u .	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		,	variation used,	0 '
Water expended du	ring the preceding 24 hours,		4	00	gallons.	
Water recen	during the preceding	24 hours,	// (00	**	
Water remaining or	n hand fit for use at Noon,		15	00	44	
Coal consumed dur	ing the preceding 24 hours,		tons	1440) lbs.	
Coal remaining on	hand at Noon,		/33 "	1190	и	

P. M.												
1	1	0	EH.	N. N. W.	Fouth	2-3	30.24 73	71	68	b.c.m.	cir.cum	7
2	0	5	Flord	9 W.	"	2-3	30.22 14					8
3	0	9		Pouth	9. by 2	3	30.20 74	72	68			9
4	0	8				3	30.18 74	72	68			9
5	0	2,			,,	3	30.18 73	72	68			9
6	0	4			9.96.	3	30.18 71	71	68	b.	none	10
7	0	5	4	4,	*	3	30.18 70	70	68	1.		10
8	9	Plac	N	901 by 04.		3	30.20 70	70	68		-	10
9	0	9	Ebb	A Ok. Ly N	For by S.	3	30.19 69	68	67	b. w.		10
10	1	6		1.101.	Э°Ж.	3	30.19 69	68	67		,	10
11	1	8		**	,	3	30.19 68					10
Mid.	1	4				2	30.19 68					10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Pindright to 4 a.M. . Lalm and clear. Bright mornlight. They heavy dew. Began swinging to flood tide at 1.30 and finished surnging at 1.45.

General & F. Dieutenant & J. R.

From 4 to 8 a. Ch.

Escay onist, cleaning last part. Calm. Thom set at 4 20. Received in Pay Department
88 % lbs beef. 88 3/4 lbs. orgetables, auch 71 lbs. bread. At 80 clock crossed top gallant yards.

Hondeywary w. Laylor Energy Ol. J. M.

From 8a. On. to Merid

Cloudy warm and pleasant. Calms to light breeze from Oh. 9. 04 to 904. (Mustered at quarter at 9 30 with the following apperentices reported overstaying librity. E. Andrew, J. L. Brown E. E. Clark E. a. Gill. E. O. Alliams and H. Borger. At 10 00 B. O. Proof (Agg. 30) returned on broad by hour overtime of Dummey (Agg. 30) and E. F. Puller F. 10h) were this day declared deserters from the Savel Ferrew and their personal effects were sold at auction on broad their ship at 11.45. All appentices was drilled at loosing and fulling east, friet to a broken then to a brothne. Received on braid 1100 gallow of feels water. Or hould the cylinder of both 1 par Botchkers R. S. G. Nois. 9 and 52. Denymature of magazines forward 712, aft 66°.

Coger Chelles Ja. Ensign M. F. M.

Severally clear and pleasant Light to quitle breeze from Fouth to Fby Ch. Received 1500 gallows freeh water on board. Thifted jet, fou topenest storesail, four topenest and forecast and lowered and except spanker gaff and horised it in place again. Territ out clothing and emall store to appendice and crew. Grow Merid to 4 P. On

N. J. Looleman Ensign U.S.M. From 4 to 8 P.M.

blear and five wrather. Gentle breeze from Fby W. a large meeting party from the Carolina Gaels Club came on board at 5 30. Alber and down topgellows grade. Widing to the flood tide Flack water at 8 0'clock. W. D. Caper Tow Lieutenant Qu. S. M.

From 8 P. M. to Pred.

Gentle to light breeze from FN. by S and F. V. bleav and cool. Bright mornlight. Heavy dew. Fitned elt till. At 10.30 discoursed & O. Onoon, F. Perry, and R. E. Essum applies 34 blaw, making an attempt to leave the ship in the spent.

General Qu. F. W.

* J. Dhummy (Gyp. 30) declared a deserter from the 7th rust. E. J. Miller G. 1.C) declared a deserter from the 9th rust.

J. B. Mo Llow, Navigator. Lecutemant U.S. M.

LOG of the UNITED STATES Thip Essex At anchor in the Harbor of Charleston, F. C.

Third Rate,

	T	T	Peeding		WIND.				BAROME	TER.	TEM	PERAT	TURE.			lear the.	See.
Hour.	Knots.		Reading of Patent Log.	Ships kead	Direction by Standard Compass.	Porce.	Heel.	Leeway.	lieight in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the S.
A. M		dal	Current														
1	2	3	EH.	No by 94.	FON. by F.	2.3			30.21	68	68	67		b.w.	none	10	
2	0	1	7	1.16	"	2			30.21	68	68	67				10	
3	0	17	Blood	Gorath	FW. by 94	1-2			30.18	68	68	67			"-	10	
4	0	N:	1 -	9. by 6.		1-2			30.19	68	67	67				10	
5	0	18	7 .	9. 9. 6.	Calm	0			30.19	68	67	67		b.c.w.	cum.	7	
6	0	3			94	0			30.19	67	67	67				6	
7	0	4	1		2	0			30.19					b.c.m.	cir. eum.	6	
8	0	12	,		F6.	0-1			30.21	65	68	68		.,	,.	6	
9	0	7	Elle	N. by 04.		1			30.29	70	70	70		-		7	
10	1	4	4 .	0		1			30.30	70	71	71				7	
11	1	5	.)	North		1-3			30.30	70	69	69				6-	
Noon	. 1	6				1-3			30.26	70	69	68		-		5-	

Course and distant	re made good since preceding noon by	observations,	knots.		tenths.	
	Latitude by D. R.		.0	,	"	
	Longitude by D. R.		0	,	u	
Position at Noon:	Latitude by observations of O		o	,	u	
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"	
	(Latitude by		0	,	#1	
Position at 8 A. M.	Longitude by		۰	,	"	
			0	,	"	
Position at 8 P. M.	Longitude by		ú	,	,,	
Current during the	e time, knots tenths pe	r hour, setting to the				
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	-		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	- 1	variation used,	0)
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	- 1	и	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	. 0	- 1	variation used,	0 .
Water expended de	uring the preceding 24 hours,		40	00	gallons.	
Water receive	during the preceding	24 hours,	150	0 ("	
Water remaining of	n hand fit for use at Noon,		260	00	**	
Coal consumed dur	ing the preceding 24 hours,		tons 8		lbs.	
Coal remaining on	hand at Noon,		133 " 3.	0	44	

P. M.						1.1							
1	13	Elf.	A. N.E.	96.	2	30.30	70	69	68		bc.m.	cir cum.	4
2	Flac	k	6.96.	**	2	30.32	70	69	68				6
3	0 3	Flord	96. by 6.		2	30.32	71	70	69				6
4	0 8		"		2	30.32	71	70	69			circum.	4
5	0 9		6.96.	96. by 9.	2	30.30	72	70	70		٠,		5
6	0 7		96. by 9.	"	2	30.29	72	70	69		٠.		5
7	0 6		F. FE.	\$6.	2.3	30.28	71	69	68				2
8	0 5	2			2.3	30.27	70	68	67	-1			2
9	Glac	k	Q1. St. Q1.		2	30.22	71	70	70	- 1	**		2
10	17	666	North	,	2	3023	71	70	70		b. m.	now	10
11	14		N by 24.	-	2	30.23	71	70	70				10
Mid.	1 3			,	2/	30.23	71	70	70			"	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

(Midnight to 4 a. M. Flightly misty. Bright movelight Light air to guille breey from Mr. by I. and F. M. by W. at 2 20 wirming to flood tide.

Other Ligning Dr. Lengton Ensign D. S. N.

From 4 to 8 a. m.

Phiety but pleasant. Calmes with light 964 and last from. This riding to flood tide. at 8 00 about hopeallant and royal guide. Received 91/4 lbs. buf, 91/4 lbs. engitables, and 73 lbs. buad which passed inspection.

Roger Welles J. Ensign & S. ON

Oum 8 a m. to Merid.

Crom & W. M. to Merch.

Cloudy and hay Eight and to guild breeze from FTE Of 930 musticed at quarters and the following abander und reported & Cudewe J. S. Brown & H. Black & Q. Willson & Milliams and F. Cooper Eggs's 3th days and & C. Kafe (64) Ut 110 clock & O. Teep (64) returned on board about writing a known. Each derivated instruction we quinter from 9.30 to 10.30 From 10.45 to 11.15 exceed out and shifted clean bags. The atting appointments of J. Roctor Bantis) and J. Petreen (64. M. at W.) were received for a further privit of eigh months. the former to date from Det. 1.1314 and the latter know August 1.1814. Encur engaged in attending up high regions and browning with Terry to Norm and C. & Henry My Description of the mass and by mother of Commanding Officer, authorized to 5 days solitary confirmment on break and water for attempting to learn aluge without primises mught with C. & Berneri Diction magazin flow corks and cleans and found them in working with A. & Berneri Diction magazin flow corks and cleans and found them in working water Jangaran for the working water for all magazin flows corks and cleans and found them in working order. Temperature of magazine 71° finand, 67° aft.

n. J. Coleman Eusign U.S. ON

Gum Merid to 4 FM

Flored at 2.45. Naking perparations for exception on brand to the people of Charleston Decaded one left long while being its Enning qualities.

Leutenant Ou. F. M.

Dum A to 8 P.M. Sight to quite breeze from FE by I and FE Dair first half, cloudy last two hours. Olors tide ban a reception on brand to many people of Charleston.

General Du. F. W.

From 8 In to Mid

Mity with bear dew. Sight are from NE. At 8 30 the Master at arms reported F. Perry (app. 3.cl.) and G. O Moon (app. 3.cl.) about I from the ship. Phip reding to Est tide after stack water at 900.

Examined and found to be correct.

Roger Chilles, Je, Enuga V. In.

Leutenaut & M. Navigator.

LOG of the UNITED STATES Thip Essex Third Rate, are anchor in the Harbor of Charleston I and making passage to

												Q	mki	town Plas	/	1	
			Reading		WIND.				BAROMI	STER	тем	PERAT	URE.	State of	Forme of	Clear The	e Sea
Hour.	Knots.	Tenthe.	of Patent Log.	Shuis head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A, M.	Jid	al b	urrent														
A. M.			Can	Sworth	Calm				30.24	~,	~~	~~		b.e.w.		1	
1	/	7	EH.	JU with	Galm	0						,		0.0.W	cum.	6	
2	1	5	**	"	."	0			30.24	71	70	70				5	
3	0	2	Flac		J. 96.	1-2			30.23	70	69	68		- 4		4	
4	0	1	Sur	uging	,,	1-2			30.22	69	. 68	67		b.w.	now	10	
5	0	8	Flerd	9. ly 6.	Porth	0 -1			30.31	69	68	66		b.c.	cum strat	7	
6	0	7			**	0-1			30.32	69	68	66				8	
7	0	5-			**	2			30.33	69	69	68				9	
8	0	4		Prith	2.5	2			30.36	69	69	68		-	cum.	8	
9	0	5	EH	f %.	F. by 94.	2-3			30.37	70	71	69			eum.	7	
10	1	6		1.1.91.	*	3.4			30.37	70	71	69		4		7	
11	2	5		So O4. by St.	90%. by 8.	4			30.38	71	72	69		*	,	7	
Noon.	2	4		. 0	"	4-5			30.38	71	72	69				7	
-									-							-	

Course and distant	ee made good since preceding noon by o	bservations,	knots.		tenths.		
	Latitude by D. R.		0	,	"		
	Longitude by D. R.		o	,	n .		
Position at Noon:	Latitude by observations of O		0	,	u		
	Longitude by chronometer from Fore	noon Observations of ②	0	,	и		
	(Latitude by		0	,	,, ,		
Position at 8 A. M.	Longitude by		0	,	"		
n	(Latitude by		0	,	. "		
Position at 8 P. M.	Longitude by		. 0	1	u .		
Current during the	e time, knots tenths per	hour, setting to the					
Error of the Comp	ass by Azimnth O observed at	, ship's head	o	*			
Deviation of the C	ompass by Azimuth O observed at	, ship's head	o	1	variation used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head	G	,	и		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	o		variation used,	0	•
Water expended de	aring the preceding 24 honrs,		500	0	gallons.		
Water	during the preceding 2	4 hours,			*		
Water remaining o	n hand fit for use at Noon,		210	0	**		
Coal consumed dur	ing the preceding 24 hours,		/ tons 6	40	lbs.		
Coal remaining on	hand at Noon,		131" 19	710	44		
			,				

P. M.						1				1	1
1	1 6 Ebt.	16	9 9. ly 9.	4.5		30.38	76 74	70	b.e.	cure trat	7
2		C4. A. O4.	**	4-5		30.34					4
3	Flack.	F. ly 24.	9. by 04.	4-5		30.33	75- 75	71	**		5
	0 8 Flord	Firith		4		30 30	75- 76	71	. 1	-	6
5	(Un derway	Standing net of	Forth	3		30.29					6
6	4 5 89.5	Charleton Harbor		3		30.25					3
		6. 8 5.	P. \$6.	3		30.25	, ,				2
8	111	6.96. 126.	9 by 6.	3 2	1	30, 28			-		3
9	4 2 3.9	6.96./46.	Inith	3 3		3030 4				cir cum	
10	4 / 8.0	€9€/26	F. ly 04.	3-4 3		30.30				-	5 -
Mid.	4 0 /2.0	:		3.4 3		30.29					
Piid.	3 9 15-9	•	4.	3.4 3	12	30.28 7	70 70	68 67			4 -

The Theutenaut 28 m.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Oridnight to 4 a. M. ... blear and pleasant. Heavy dew balm to light bruze from F. F. E.

Montgoury M. Luylor Ensign W. S. W.

From 4 to 8 a. Om.
Hazy and pleasant. Calm to light breyer from Genth. B arometer riving

n. g. Coleman Energy W. J. M. Orm 8 a. M. to Merid.

Come o to the to the water and pleasant. Sentle increasing to stiff breeze from F by M. orning to FM by F. Mustered at 9 30 and from the following absenties. E. Cudence (agg 30) of Brown (agg

Will aperton.

From Merid to 4 9 m.

Electerant Ob & N. (noderate to stiff breeze blooms in equalle from Fle by I. and Fly & Dair and plaserate I wrong to flow tide at 2.30 Hinted stam cutter and entired preparation for era Draught of chip, found 14 feet, all 16 feet 5/2 wider. That to quarters at 3.55 and trund in clean bags Repaired and trilled per life. bury I new under bolew & E. and D.

E Lieutenant Q. J. Ok June 4 to 6 4.00 Dais and pleasant. South been from Firsth. At 4 20 called all hands up archer al 4 25 eighted anchor badd, finled, got it clear at 5.50. At 6.00 covered bar with 1914 fet writer and styped engine while pilot f. 6. Aldert left the ship and write abraid pilot brat R. B. barow of Charleston At claw on comes 6.86. under cham, with five under balen B. b. and S.

Houlgnung 4. Jungles

" to Guerge U. & R. Cloudy . Sentle breeze from Poutle to I by E. at 6.15 chip on corre E. F. (y.c.) at 620 look departue put our pount bog reading 90. At 6.45 made all plain sail to topgallant early weigh marrial and est, topsel at 7.06 stopped engine lound surketick and unempoled people rehap! Allowed free to die out in boiler 6 and and banked free in boiler B. Ftarted dietiling at 7.30. Opprentices at the which

Roger Welles Jr. From 8 9 m. to mid. Dair cool and pleasant. Gentle to moderate breezes from South and Fly & Emise 6. 9. 5 (pc) Examined and found to be correct. Thering fell and by on etachment treex center came each as in persessing writer Flighted two soils during watch on structury to It's and the and to I that and Ed. Distilling with full backed under briles 13. as go clock last eight of Charleston light braining about It 12. I appearance as the what.

> B. Mellin, Levitenant ON S. & Rangston

For the United States Phip Essex Making passage from Charleston, T.C. to Yorktown, Va.

Thud Rate,

COURSES STEERED by Standard Compass. E. by F. E. F. E. 3/4 E. Frith 3-4 3 1/2 30.22 70 70 68 68 6 20.5 3-4: 3 1/2 30.20 70 70 68 68 25.7 9. ly 04. 0-6.98:146. 1/2 30.20 70 71 68 68 O. c. 30.0 6.96. 9. you. 5 3 1/2 30.20 70 71 68 68 0 36.1 1/2 30.19 72 71 68 73 41.9 4.5 5 0 1/230.22 71 71 68 74 47.2 4-5-5 4-5 5 1/230.23 72 72 68 74 0 52.8 1/2 30.24 72 71 68 72 ٥ 4.5 5 57.9 1/230.28 72 71 68 72 4.0. 62.7 5" 6.96.46. 12.30.29 71 71 67 72 5 68-1 1/230.30:72 71 68 73 0 11 74.4 6.96 5 0 1230.30 72 72 69 74 80.9

93. 4 Distance pur by Patent Log. Sensitive	
Course and distance made good since proceeding noon by observations, \$79.6. 98 knots. tenths.	
[Latitude by D. R. 32 ° 17 ' A. "	
Longitude by D. R. 77 ° 58' 94."	
Position at Noon: Latitude by observations of \odot 32 020 'M."	
Longitude by chronometer from Forenoon Observations of © 77 0 49 1 %. "	
(Latitude by D. R. 32 0 26 1 N. "	
Position at 8 A. M. { Langitude by Glumette 78 ° 11 ' Cf. "	
(Latitude by observation (Summer) from 4.20 P. Dr. 320 11 ' N."	
Position at 8 P. M. {Latitude by observation (Chumus) from 4.20 Pm. 32011 N." Longitude by	
Corrent during the time, 9 knots tenths per hour, setting to the 46526	
Error of the Compass by Azimuth O observed at , ship's head '	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head o ' variation used,	0
Error of the Compass by Azimuth ⊙ observed at , ship's head '"	
Deviation of the Compass by Azimuth O observed at , ship's head ' variation used,	
Water expended during the preceding 24 hours, 400 gallons.	
Water distilled during the preceding 24 hours, 450 "	
Water remaining on hand fit for use at Noon, 2 / 50 "	
Coal consumed during the preceding 24 hours, 2 tons // 20 lbs.	
Coal remaining on hand at Noon, /29 " 7960 "	

						1									
				1 1		, ;									
4	87.3	Ć.96.	9. by 24.	4	5	1/2	30.28	73	72	68	76	b.c	cum.	1	M
7	94.0	.,	9.90.	4	5	1/2	30,27	73	72	68	78	0 C.	4.	0	
		6.96.146	9. h, 94	4	6							4		. 0	
4	7.1	٠,		4-5	5									0	
2	13.3	6.98.126		5.6	6	3/4	30.20	72	71	67	76	le.c	musil.	1	6.
2	195		3.3.01	5.6	5									1	
3	24.8		,,	5.6	5									1	
4	Fine.			6.7	5	1	30.16	72	71	64	75	b.c.m.	cum	1	
5	28.5-			6	5								cum mist	3	
7	33.2	6.96		6	5									4	
6	37.8			6	5									4	^
0	42.8			6	5	3/4	30.19	72	71	68	73			3	
	77742234576	2 13.3 2 195 3 24.8 4 3ml. 5 28.5 7 33.2 6 37.8	7 94.0 7 1.00 y & 6. 4 6. 1/4 6. 4 7.1 2 13.3 6. 4 6. 1/2 6. 2 19.5 3 24.8 4 3.00 5 28.5 7 33.2 6. 4 6. 6 37.8	7 940 \$ 96. 7 100 y & 96.14 6 \$ 1. y 4 4 7.1 2 13.3 & 96. 1/2 6 \$ 2. y 4 2 19 5 \$ 2. 4.8 3 24.8 5 28.5	7 94.0 7 1.00 y 6.96.14 6 9.6 y 4 4 7.1 2 13.3 6.96.126 56 2 195 9.6 9.6 3 24.8 56 4 2 6.7 5 28.5 6 6 37.7 6.96. 6	7 94.0 7 1.00 y 6.96./4.6 9.69 4 5 4 7.1 2 13.3 6.96./2.6 2 19.5 3 24.8 4 2 5 28.5 6 37.4 6 5 6 5 6 5 6 5 6 5 6 5 7 33.2 6.96 6 5	7 940 9.9% 4 5 1/2 7 1.00 y & 96.1/4 6 9.6 y 4 6 1/2 4 7.1 2 13.3 & 96.1/2 6 5.6 5 1/2 2 19.5 9.6 5 5 1/2 3 24.8 5.6 5 1/4 4 2 5.6 5 1/4 5 28.5 6.7 5 1/4 7 33.2 & 96. 96. 6 5 3/4 6 37.8 6 5 3/4	7 94.0 7 1.00 y 6. \$6. 14.6 9. \$1.94 4 7.1 2 13.3 6. \$6. \$1.26 2 19.5 2 19.5 3 24.8 4 2 5 1.30.14 6 5 1.30.19 6 37.1 6 5 6 6 6 6 5 3/4 30.19 6 37.1 6 5 7.1 6 5 3/4 30.19 6 37.1	7 94.0 \$\frac{964}{964}. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 94.0 \$\frac{964}{964}. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 94.0 \$\frac{960}{960}. \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	7 94.0 \$\frac{960}{960}. 5 \lambda \cdot 2 \cdot 30 \cdot 27 37 26 78 76 77 \qua	7 94.0 7 1.00 y 6.96.1.6 9.69 4 5 1/2 30 27 73 72 68 78 0 c. 7 1.00 y 6.96.1.6 9.69 4 5 1/2 30 27 73 72 68 77 4.57 5 1/2 30 22 73 72 68 78 2 13.3 6.96.1/2 6 5 3/4 30.19 72 71 67 74 3 24.8 4 2 4 2 5 28.5 6 30.17 72 71 67 74 5 28.5 6 5 3/4 30.19 72 71 67 74 6 5 3/4 30.19 72 71 67 73 6 37.7 6 37.7 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73 6 5 3/4 30.19 72 71 67 73	7 94.0 9.94. 4 5 1/2 30 27 73 72 68 78 0 c 4 5 1/2 30 27 73 72 68 77 4.5 5 1/2 30 27 73 72 68 77 4.5 5 1/2 30 27 73 72 68 78 4.5 5 1/2 30 22 73 72 68 78 4.5 5 1/2 30 22 73 72 68 78 4.5 5 1/2 30 22 73 72 68 78 4.5 5 1/2 30 22 73 72 71 67 76 62 6.5 3/4 30.19 72 71 67 76 5 1/2 30.19 72 71 67 76 6.5 1/2 30.19 72 71 67 76 6.5 1/2 30.19 72 71 67 76 6.5 1/2 30.19 72 71 67 78 6.5 3/4 30.19 72 71 67 73	7 94.0 9.96. 4 5 1/2 30.27 73 72 68 78 0 c 0 7 1.00 y 6.96.14 6 9.69 4 6 1/2 30.27 73 72 68 77 0 4 7.1 2 13.3 6.96.1/2 6 9.60 5 3/4 30.20 72 71 67 76 6 1 3 24.8 9.60 5 3/4 30.19 72 71 67 76 1 5 28.5 6 5 3/4 30.19 72 71 67 76 1 5 28.5 6 5 3/4 30.19 72 71 67 73 1 6 37.8 6 96 6 6 5 3/4 30.19 72 71 67 73 4 6 37.8 6 5 3/4 30.19 72 71 67 73 4

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

, U. S. Navy, , 1894.

Ousegn M. J. M.

Montagning in Leigher

Midnight to 4 a. In Sentle to stiff breeze from South versing to S. I. On Concast with more aboung at intervals during early part of watch. Producte sea from South blow hauled on starboard tack under for topmast starpail main trysail and plain soul to topgallant early every manifer . Distilling with five banked whole to appoint it the wheel.

Lieutewant Oh. F. 9. Oum 4 to 8 a. M Overcast and damp moderate to free been from IIV. Inegalar come sea. Plushed litger. At class on comes & F.E. under plain sail to topgallant early, with for topmast stayearly and main tupail. Distilling with bruked fire under biler B. apprintices at the wheel

From 8 a. On. to Mered.

Dericast Moderate been from P. ly W. B. arometer neing at 9 to at single nee fed maineail, royals and flying git. At end of watch under all each except main and migger topmest stangals, on concer 5 96. at 9.30 consider call to General Quarter, during reporting cast lover as follows. Internal and after Gunde during a minute surgester during no 5th minutes 3" derican in minutes 40 counter 1 and during in 10 minister and 1th devicion in 11 minte 10 ecconder. The friet director gener fried 8 rounder in 1 ministe, the 2rd director gener fried 10 animale in 1 ministe and the 3th director gener 11 wander. At 10.46 counded fine bill the Director reporting ready for elacting as follows. I'd director, 1 ministe 20 ecconder Guide director 1 ministe 20 ecconder, bargaitre ud Enguero devisios 1 minute 40 esconde 1et devien 2 minutes 40 esconde; 3th during 2 minutes 50 esconde Sumediately after five quarter got up governow and privated all brate for abundancy alige led at brate falls then another then among a light to get all brands on dock and prepared to love brate in the water Fernand at 11.15. Designation of magazine 72 forward 67 aft. Distilling with banked free engles broker B. Engineer Dept. engaged in cleaning higger Tung quarty on della conquer of to a flow for into the B. S. Some and O. Coper Weller Jr. Them Preside to the 19 m. Engles of 90.

Elmody and damp. Products to etif breeze from I. by th. and P. P. B. Bonce & F. J. J. Plering full and by on the starbad tack under all plain sail to explicant main tryail, except one net in mainsail. At 3 PM. took air ryell and flying jib. Dero callo in eight during watch, etanding to the vibe and Ed. W. 1086 or unless channed and secured and flying jib are proportion with interest and follows: 3th period from 110 to 2.00 3th until at broadcards.

and It watch as broadcards. The watch and infanty; and I st mutch had broadcards. was instructed steering chip. Distilling with banked fries under boiler 13 appointment at the while. XVX Caperton.

Oum of to 6 P.M.

Lientenant M. & n Fift to feed base from I by & and I Feb. Cloudy. Chopye as a 4 05 took in topicallant early. A and of watch on standard tack under four topicals, main trysail, aparker typicals, foresil and engle respect maneral Deathing und banked fire ender bolo B appentices at the wheel. Tighted a sailing view or etailand beam at 5 30.

Tuntenant U. 9 %. Clarty First to feel beyou from I. F. W. at 605 took two refer in topsacle at 7. 30 took in mainsail and main trywol. at 6 20 worths had sarring of freed carried analy Grown over at 7 5 at class ends jet for topsack staysail forest shall wish topsacks and expanse by the waid on starband tasks. Detailing with banked fries under bites 18. apprentices at the whal.

Thousand Pan to Onid.

Examined and wand to be correct.

Clady and damp. Each buy from IIV. Ander double refer to grande for each jet, for top must stay and apartie on encus & 45. Detalling with banked free under bate 18.

Coggo Welles from 1845. Roger Welles h. Ensign (9. 90)

J. B. Mellin, Tientewart Ob. & M. Mangator of the UNITED STATES Phys Essex Making passage from Charleston, Fl. to Yorktown, Va.

			P-1-1		WIND.				BAROMI	ETER.	TEME	ERA:	TURE.			Clear 10ths.	See.
Hour.	Knote	Teutha.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the
A. M.		6	47.4	6. 4 6.	9.994				30.16					b.c.q.	cir cum	٤	R.16
2	4	8	48.3	**	,,	6.7	5-10	1	30.17	71	71	67	74			2	**
3	4	8	Hould in.			6-7	5-10	1	30.18	71	71	67	74	b.c.q.l.	"	1	1,
4	5	2			.,	6-7	5-10	1	30.10	71	71	67	74		**	2	1 -
5	6	0			44	6-7	5-10	3/4	30 07	71	70	67	74	~	-	4	**
6	6	6	-		,e				30.04					**		5	6,
7	6	6	. 1		Fox by F.	7	5-12	3/4	30.05	72	72	88	74	b.c.q.	~	4	
8	6	4			,,	7-8	5-14	3/4	30.07	73	72	69	74	0.0.9.	Cum mint	0	
9	5	0			F. 9 94.				30.07						*	0	
10	4	5	. 1			5.7	9.13	1	30.07	73	72	70	74	٠.		0	٠.
11	4	8			- 3	7.8	10-20	/	30.05	73	73	70	74	0.0.10.	.,	0	
Noon.		5	-	96. by 6.	991. ly 9.				30.05						"	0	٠.

127. 9 Dietamerun by Log Course and distance made good since preceding noon by observations, \$83.56. /32 knots. tenths. 31 048 1 1. " Latitude by D. R. 75 009.04. " Longitude by D. R. Position at Noon: Latitude by observations of © 32 007 . 1. " 75 009 .94. " Longitude by chronometer from Forenoon Observations of O Position at S A. M. Latitude by D. R. from None Longitude by Ordervation O 31 051 1 1 " 75 0 251-94. 11 Position at 8 P. M. { Latitude Observation (Funner) from 4.30 P.M. Longitude by ... 32 0 16 . N. " 74 057 194. " Current during the time, 19 knots tenths per hour, setting to the tenths por hour, setting to the North 3 033 194 1013 6 variation used, 3 000 - 9% Deviation of the Compass by Azimuth o observed at 4 30 7%., ship's head 96 , ship's head Error of the Compass by Azimnth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at 450 gallons. Water expended during the preceding 24 hours, 1000 Water distilled during the preceding 24 hours, 2700 Water remaining on hand fit for use at Noon, / tons 320 lbs. Coal consumed during the preceding 24 hours, 128 " 470 Coal remaining on hand at Noon,

Р. М.								1		1								
		4	-	Herald in .	96. by E. 98.	901. ly 9.	7-8	15-20	6	30.08	72	71	69	75	00.19.9.	cum mist	5	60
					\$& ⁰ .										B.c.9.1			
						FN.	4.6	8.15	6	30.//	71	71	69	75	b.c.g.	eir cum	4	
						**										eir cum	7	
					96. by 9.	-									*	cum.	5	-
					9 E. by 9. 9 E. by E.	**												
						*												
8	(0	9	-	\$6.	9	5.7	-	8	30.04	71	72	70	75			8	2
				-	4	4									b.c. p.g.			
				••	96.h, F. F.	•									t.c. l.g.			
					% €.	a									b.c.l.			
Mid.	4	/ ()				5-6	10-15	8	30.02	72	72	70	73	b.c.t.g.	cum. zent	5	-
															0.			

, U. S. Navy,

, 1894.

Maperton

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Slondy, damp and equally wrather, cleaning to Vid. and Vid. last how. Trush to very fach breeze in equally from F. F. V. Lightning to the Vid. and Vid. and Fid and Vid. last two bones. Essue G. F. E. Exip on her conser with jif, for topmark etaspail darks wefed topeacle, forward and aparker. Singh and confused sea from the Fd. Extreme will to york 16° and to starband 10° Distilling with five backed under bother 6°. apprentices at the wheel.

Oum + to 8 a. ON

Freely breeze to morderate gale blowing in equally from F. F. and F. by F. Parth, clear during frish part vocaced and threating with rain equally to F.d. and Ed back hour. Roughl and irregular ara. This colling deeply last line at 5 30 eighted a three marted echance right ahead, standing to the Not. Dook in the jet and aparker at 740. at end of watch under for topmach stayeail, foreail and double reefed topeacle Distilling with fice banked under biles to apparation at the while.

Tuntenant M. J. W. Jum 8 a.M. to Merid Oricael and equally. Freeh breze to moderate gale from I. I. and I. W. by I. Beaux come era. This colling deeply, extreme vole 27° W 10° 10 ctopped distilling and allowed free to die on in where 18° CA 1100 fueled for topmail storyail, forward and fore to great, close cefel main topical and set for storm etaysail, atom miggio and fore to ordinate branes and sent to one tracked treek. It is not presented beaute. At close lying to on starband tack under class regard mens spend.

Semperature of magazarie 72 forward, 70° aft appentices at the wheel.

Averlayment W. Fenger Ve. J. M. to in starband tack under class refid main topsail, for storm staypail, storm migric and fool of main trysail.

Own Merid to 4 & M.

Onecast equally and rainy to clearing Fresh been to moderate gale in squalle from IN by I. moderating to moderate to feel been from IN. last two house. Baromete resing. Cough sent dying to under for string string close respect main topical, string myzic and for of main topical. It soo haciled out heed of main topical. It cleares you astern etailed at the volul.

Roger Welles fr. Ensign M. J. M. Orom 4 to 8 9.90. bloody and equally. Orderate to feel breeze from POV. B acouster falling. At end of watch lying to handing TE, under for strom staypail, main topial class refet, main trypail and storm mizzer. Fighted a schoole heading to Individual on port bran at borlook and lost eight of her at y.oo. appurities at the wheel.

n. J. Coleman Ensign Qu. 4. W. Gem 8 P. M. to Greid Elean friet part, cloudy last how of watch Caseing above friet how. Fif to feel breye in aqualle from F. V. Bour E. F. E. (g. v.). This lying to under earns and as in speciding watch on starboard tack. Rough and cloquy are from Fil. and Cht. This rolling frequently and deeply to see; extrem roll to port 26" and to starboard 25". Thom incat 8:10. Appendicion at the wheel. Lightning to I'd and Cht.

NBCaperton . S. D.

Examined and found to be correct,

J. B. Me ilter. Navigator. Lieutewant & J. Ok.

WIND. COURSES STEERED by Standard Compass. Direction by Standard Compass. 8 30.03 71 70 69 73 b.o.g. w.l. nimb. 96. £94. 4-6 -1 0 Hauled in 5.6 -8 30.03 71 70 69 73 0.e.g. w.l. cum wiel 0 Inth 8 30.04 64 63 62 72 0.0. g.t.l. umb. 94. A 94 5.7 -4 Heet. 3-4 -8 30.0465 63 62 72 FE. 994. 8 30.0169 68 66 71 0.c.g.l.t. 0 3.4 b.c.g. 6 30.00 69 68 66 70 4-5 -6 300169 68 67 70 4-5 -4 -6 30.04 70 69 68 70 7 c. % 6 30.03 71 71 69 70 7 .. 6.96 4 .. 3.4 4 1/2 30.08 72 71 69 71 5 . 11 3 3.4 4 1/2 30.09 72 71 69 71 Noon. 7 0 7 .

		and the same of th
30.8 Dieta	uce run by Jog	
Course and distant	e made good since preceding noon by observations, \$\frac{1}{2}\epsilon\$	42 knots. tenths.
	Latitude by D. R.	32 020 M. "
Position at Noon:	Longitude by D. R.	74 032, 4. "
Position at Noon:	Latitude by observations of O	3104718."
	Longitude by chronometer from Forenoon Observations of ©	74 027 194 "
Desiries as 8 A M	Latitude by D. R. Jum Som Longitude by Observation O	31 0 50 1 N. 11
Position at a A. M.	Longitude by Observation O	74 0 43 , 9/. "
Position at 8 P. M.	(Longitude by Observation of Lumner) from 4 30 P.M. observation	in 31 0 41 1 W. 11
	(Longitude by	73 029 104. "
Current during the	time, 32 knots tenths per hour, setting to the	
Error of the Comp	ass by Azimuth @ observed at 4.80 Pm. ship's head 6. by 9.	3 . 38 . 04.
Deviation of the C	ompass by Azimuth @ observed at 4-300%, ship's head 6. by 9.	3 o 13 · E. variation used, 3 o 10 · W.
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	, t H
Deviation of the C	ompass by Azimuth O observed at , ship's head	variation used,
Water expended de	ring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	*
Water remaining o	n hand fit for use at Noon,	2300 "
Coal consumed dur	ing the preceding 24 hours,	tons 400 lbs.
Coal remaining on	hand at Noon,	/28 " 70 "

P. M.	3	0 0	Howled is	6.96. 6.ly 9.	9.01. by 9.	4	-	0	30.09	72	72 4	69 71	b.c.	cir cum.	8	M.
2	5	0		<i>d</i> 	_ 0	8	5-	0	30.09	72	72 6	09 71		1 -	8	
3	6	0	-	t.		4	5	0	30.08	72	72 6	9 71		-	5	4
4	7	٥	6.			4-5	4	0	30.08	73	72 6	9 74	4	7	5	
	,	8				4-5	4	0	30.06	73	72 6	9 73	4	~	7	
	,	8				4.5	4	0	30.06 7	72	72 6	09 73			7	
		3		49		5	5	0	30.07	72	72 6	9 73		cuse.	2	
8	6	3		**	6-								be up	Eum. wat.	5	
9	5	2			904.				30.09					"	5	
10	4	8							30.10						7	. 1
11	4	8	1 .	**	*.				30 12 7						4	
Mid.	4	0		-	ભ. કેળ				30.14						4	- }

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. 9h. Stiff to freely blowing in aqually from 9 % until 1. 20 when it auddedly ordered to 04 4 %. wicesceing to a bear adjust, are broganish by an unusually bear fall of name would lightning and bear and reach continuous thingle. This teld wite along 3.10 when the unid full light and bulled again to 8 %. Brather first how fair with bright mornlight, afterwards overast and rainy Rough read inequal or 3. This box to we starboard tack under for storm staypail, close reefed man topsail, man topsail, and storm muggin appendicus at the wheel.

Firm 4 to 8 a. m. Sinternal Ou. S. M.

Ourcast and equally first home, with lightning to I'd and 6'd and hight thunder. Cleaning last three hours. Fea morderating. as close of water lying to or starband tack under for atom starpaid, main typical, atom mayer and close respect main topical. appuritue at the which

From 8 a. M. to Merico.

Clondy but pleasant. Gentle to moderate breeze from Feb. and Feb by F. Barometer resing. Enging to write a few when set jit and for topmart stagnaid and brought also to the conce S. F. (po). At 9:30 mustered at quarter, after which the Esminanding Officer inspected the ship and crew at quarter At 10.25 called all hands make said the Esminanding Officer laking the deek and making all said everyt a single set in manusal. Hauled down and stand below for storm stagnach storm migzen and previous manus and main topsaid braces. Semperature of magazine 72° formard and 71° aft. appendix at the wheel.

Own Presed to 4 P.M.

Castially cludy and pleasant. Product been for by 9. At 2. to took in main trypial At 1. so changed could to be by 9. At 3 clock in main trypial At 1. so changed could to be by 9. At 3 clock in all to bit 3 moneted iterater was righted and thus ally made colour and following eightle: chijis musher, and I.D. International body The steamer broade but and the banks colour and accurred our eightle. Then she passed under the stew of this orest made her manue to be passed under the stew of this orest made her manue. The following the plane sail to regal and topmark staysails on course 6. by 9. Appendicio at the what.

Sione 4 to 8 P.M. Energy With light passing above bash how. Pardevate to stiff being from I'M. I P. Ennes E by I Go O At 6 o alke took in toppallant early regale, Hyung fit main and mujur trimuch steapened, and took another ref in toppalla and on rest in foreigh. Particular and from I'd and Wit. Appendicular the whel. At end of watch, abup on course under double suffer toppalland and appurher.

Dem 8 P. On. to Prids.

Dem 8 P. On. to Prids.

Chrolisate brey from 9 94 ereing to Oh 9 9 lack home. Fair, cook and pleasant. Production sear from 9 to and 9th none now at 9. 20° . Ouder came said as in preceding water. Appendices at the wheel.

Examined and found to be correct.

Je Rocard Qu J. P. P.

J. B. Me illon Navigutor. Sieuteway V. J. N.

LOG of the UNITED STATES Thip Essex Third Rate, ONaking yourge from Charleston F. 6 to Yorktown Va.

			Reading		WIND.				BAROME				URE.	State of	Forms of	f Clear 10ths.	- Nea
Henr.	Knute.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Company.	Direction by Standard Compass.	Force.	Heed.	Leewny.	Height in inches.	Ther.	Alt, Dry Bulb,	Air, Wot Bulb.	Water at Burface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of (Nky, in 10	State of the
															1		
A. M.	71	0	Hould	6. by 9.	Ot est.	3	10-15	0	30.13	71	71	67	71	b.c.	cum ains	3	M.
2	2		"						30.13					*9	eig eura	3	1 -
3	2	4	. (^		3.4	/0	0	30.12	70	70	66	71	-	etrat.	6	
4	2	4				3-4	/0	0	30.12	70	70	66	71			8	**
5	2	3	- 1		*	3	5	0	30.12	70	69	66	71		cir. cum.	5	*
6	2	5	-	-		3	5	0	30.13	69	68	65	71	~		4	
7	4	5	-	7	91. by 9.	3	5-10	0	30.13	70	68	64	71	-	civ.otral	9	.,
8	4	8	~	-		3	5-10	0	30.14	70	68	64	70			8	
9	4	0	- 4		Otest	3	5-10	0	30.15	70	68	64	70	6.	none.	10	.,
10	3	1				3	2	٥	30.15	70	68	64	71	b.c.	cir cum	. 6	٠,
11	3	2	1 - 4		f 04	2.3	2	0	30.17	72	71	66	72	~		5	
Noon.	2	7				2	2	0	30.17	73	72	67	72		1 -	6	

106.9 Dutance				
Course and distance	re made good since preceding noon by	observations, 9.83 . 6.	97 knots. tenths.	
	Latitude by D. R.		3/02811. "	
	Longitude by D. R.		72026.04. "	
Position at Noon:	Latitude by observations of ①		31 034 1 1. "	
	Longitude by chronometer from Fo	renoon Observations of ©	72 0 32 184. "	
	Latitude by B. R. fine Mrn. Longitude by Observation O		31037. 1. "	
Position at 8 A. M.	Longitude by Observation O		72048,94. "	
	Latitude by D. R. from Now Long rate by Surremeter from		31 0 34, 1. 11	
Position at 8 P. M.	Long noe by blunimeter from	afternoon observation of o	72019.24. "	
Current during the	time, 8 knots tenths	or hour, setting to the A 33 2 %.		
Error of the Comp	ess by Azimuth O observed at	, ship's head	۰ ،	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	o variati	on used.
Error of the Comp	ess by Azimuth O observed at	, ship's head	, , ,	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	variati	on used, o
Water expended dr	aring the preceding 24 hours,		400 gallons.	
Water	during the preceding	24 hours,		
Water remaining o	m hand fit for use at Noon,		1900 -	
Coal consumed dur	ring the preceding 24 hours,		tons 400 lbs.	
Coal remaining on	hand at Noon,		127 - 1910 -	

ACCURACY.			1						1								1
Р. М.				٠ ء	to.				1			,		,	cir		A
1	2,	8	Roaded in .	Gast	904				30 15	,					circum		
2	2	6	- 1	~		2	0	0	30 15	74	74	67	72			5	
3	2	3			1 -	2	0	0	30 16	74	74	67	72	~		2	
4	2	2			-	2	0	0	30.16	72	73	66	72	00.	-	0	
5	1	2	.)			1	0	0	30.16	70	69	64	71	0.c.p.	um! etiak	0	
6	1	3				1	0	0	30.12	70	68	64	71	f.c.		2	
7	1	2												0.0.			
8	+	2		40	J1 94									be.p.l.			
														b.o.w.l.			
	1			-							,		,	-			
11	1	3												bew		4	
														1-		7	
		-				1-20	9	0	00.70	0.0	07	-	11			-	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On.
Clear and pleasant. Gentle to moderate brew from Obest. Bright
mornlight. At 12 30 fulled epartees. At close under jit, four topmast staypail, doubte reefed topeaile
and digle reefed conser, or conser. E. by S. apprentices at the wheel.

Wordinay W. Lengton

From 4 to 8 a. On.

Clear and pleasant Gentle breeze from Pert to 9 by 9. At 6 15 made all aguan earl

breeze enigle ref in manifel and hauld drue for topmart etaysail On course 6 by 9. (pc) under equan earl and jil. apprentices at the wheel.

Roger Weller Jr. Ensign W. F. M.

Firm 8 a. On to Orend . Partially cloudy and pleasant Light to gently breeze from Or set to FI Arg 30 mustered can at quarters and stationed appendicus us new statures From 9 45 to 10 25 had general instruction w lorning and furling sail after statiming apprentices or mards. Firm 10.45 to 11.45 had instruction is a writed sails and appear; 3th watch maluseper salknaking and eignals. At 11.20 unbrut and such down manimal Abend of watch under jet, foresail topicals topically had and royals or concer East by Inch. At 120 clock changed comes to Earl by order of the Commanding Office. By I clock changed comes to Earl by order of the Commanding Office. By I clock changed when the England of the Commanding Office of the Commanding of the Commanding of the Commanding Office of the Commanding of the Commanding of the Commanding Office of the Commanding O

N. J. Gol Ema Ensign U. g. W. Sum Merid to 4 G.M.

Fair to cloudy and pleasant. Eight break from For. This on her concer Each (pc) under same said as at end of preceding watch. For emorth, The appendició were instructed as follows: 3rd period from 1.15 to 2.15 the 12 watch had see etation at ograf your, for and general quarters and 3rd watch had sail and espace; 4rd period from 2.30 to 3.15 the 12 watch and 3rd watch had grunney: 5 period, from 3.30 to 40 clock. the 12 watch and 3rd watch had grunney: 5 period, from 3.30 to 40 clock.

Wh Caperton

Jum 4 to 8 4. M. Light air from Feb. until 7.00, when it suddenly vered to Neb. and wireseed to a gentle beeze. Cloudy with presence chance of nain first and last lower Lighting all around however after 7.00. But and cloude up the manual at 4.45. at 6.00 took in topgallant sails and engle clove negle the topsails and took as engle and in the course at end of water under jet, clove regled topsails, and engle regle foreait. Apprentices at the wheel.

Jum 8 P.m. to Mid Cloudy and pleasant, cleaning last part. Fight breeze from A. A. 9.00 eighted steamer's lights to I. M. across on stew. Apparties at the wheel.

Wentgowny W. Lengter Energie Os. F. N.

Examined and found to be correct.

J. B. We illow, Navigator, Seuten and Ct. S. Ch.

East St. 91. b.c. 0 30.11 69 67 64 71 1 4 Hauled in. 1-2 0 1/2 30.09 69 67 64 71 North 2-4 5 0 4 5 1/2 30.06 68 67 64 71 1/2 30.06 68 67 64 71 4 5-1/2 30.08 67 66 63 70 4-5 5 4 5 12 30.08 66 66 63 69 4-5 5 1/2 30.09 65 66 63 69 1/2 30.10 65 66 63 69 4-5- 5-1/2 30.11 66 66 63 69 4 5 1/2 30.11 67 67 63 69 45 1/2 30.12 68 69 64 71 .. 3.45 3-4 5 12 30.12 68 69 64 71 9

68. 4 Distance may by Log.	
Course and distance made good since preceding noon by observation	ons, F85° & S2 knots. tenths.
(Latitude by D. R.	31 0 31 1 N. "
Longitude by D. R.	71 0 20 , 94. "
Position at Noon: Latitude by observations of ©	31 0 30 , A. "
Longitude by chronometer from Forenoon Ob	servations of © 71029 . W. "
(Latitude by D. R. from Som	31 0 32, 1."
Position at 8 A. M. Latitude by S. R. firm Jone Longitude by Observations O	71 0 51,94."
(Latitude by Observation (Tunner) at 4.30	Q.m. 31 . 30 . N. "
Position at 8 P. M. Latitude by Observation Quoncor) at 4.30	71 009,%. "
Current during the time, & knots tenths per hour, sett	ling to the \$85° 7.
Error of the Compass by Azimuth ⊙ observed at , ship's	
Deviation of the Compass by Azimuth ⊙ observed at , sh	tip's head variation used,
Error of the Compass by Azimuth O observed at , ship's	head "
Deviation of the Compass by Azimnth O observed at , sh	ip's head variation used, variation used,
Water expended during the preceding 24 hours,	400 gallons.
Water during the preceding 24 hours,	
Water remaining on hand fit for use at Noon,	1500 -
Coal consumed during the preceding 24 hours,	tons 400 lbs.
Coal remaining on hand at Noon,	127 - 1510 "

P. M.		4	Could in.	Gast	N. by 94	13	4	1/4	30.14	68	70	64	72	b.e.	cir.cum.	8	9.
					.0	3	4		30. 15							9	
					1 109	4	4	0	30.14	69	70	65	72			9	
4	3	7	483		n	4	4	0	30.14	69	70	65	72			9	-
5	3	0	49.8			3	4	0	30.12	67	69	64	72		circum.	7	
6	2	7	52.5			3	4	0	30.10	67	69	64	72		-	8	1.
7	2	2	547			2.3	4	0	30,10	67	69	64	72		-		
8	2	6	57.3		-	2.3	4	0	30.10	67	69	64	72	4.		9	
9	1	7	590			2-3	5	0	30.10	67	66	62	71				.,
10	2	9	61.9			3	5	0	30.11	67	66	62	71		curse.	8	1,
- 11	2	0	63.9			3	5	0	30.12	67	66	62	71			7	-
Mid.	1	7	656		1. ly 24	3	5	0	30 /3	67	66	62	71		am. dial	9	

, U. S. Navy,

, 1894 .

W. Saperton,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a. Cm. Cloudy Sight breeze from NOV to moderate breeze from North last three hours. Under jet clow reefed topparely and engls reefed foresail on conce Gast appareties at which at 12.25 a stranger standing to the Northward passed under our sterm.

Roger Weller Jr. Ensign W. F. Ch. From 4 to 8 a. On. and more blowdy and pleasant. Products to stiff being from both. At 6 is made all plane out to toppalant early it 70 clock at for topmach claysall At end of watch under all plane earl to toppalant early and for topmach staysall on convert East. Disposition at the wheel.

n. S. Golman From 8 a. Ok. to Okerid beverage to clear and pleasant. Gently to moderate breeze from Goth and N by Fhip or her course East (\$6.) under for topmast stay and all phain exil to top gallant early except our ref in maintail. Mustuck at qualities at 9.30 (Nr. The application und instructed as follows during watch: A period from 9.45 until 10.30 all watches had directed and latter and produce during: 3th period from 10.45 to 11.45, 14 watch had malineepile examinating calmaking and company; 3th worted had early and exper Expressive of the watch at the wheel Dested magazine flood cold and found them in good working order. Our early in eight during watch Computation of magazine formed 73th 4171.

From Merid to 4 GM Gentle to moderate been how he by the and N. N. D. Frair and pleasant. Fronth eea.

During 3th period 1.15 to 2.15, instructed 1th enable in early and period and 2th enable in marling period, 2.30 to 3.15, 1th and 2th enables in general 5 to period, 3.30 to 4.00, 1th evitely below leads and log: 2th period, 3.30 to 3.15, 1th and 2th enables in general 5 to the period, 3.30 to 4.00, 1th evitely below leads and log: 2th enable of early larger to a two-marted echorus chroming English colors and chamber of the standard specific colors.

The standard of the said that the enable of watch of early of early watch and the standard specific extending to Nits and Ed. on post tack. As end of watch under a new soil as in precising witch. Appendices set the wheel.

Lieutenant Q. J. W. From 4 to 8 4.90 Clear and pleasant. Fight to gentle breen from A. A. A. 4 30 feet our parent by , reading 48.3. At 6.00 feeled topgallant early clar refet topical secret forecast and sent down west yards. Two earls in eight till sendon, standing to the A. Clar under jet, for topical tayonil, clar refet topicals single refet connect and aparter. Appentice at the wheel.

Mongonery V. Levelur Energy Pl. I Pr. Comment stayonil clear and pleasant benth breeze from N. A. V. Ly V. Baronete reining Tholes jet, for toyment stayonil class region toyenals, single region conver and equation, or conce Each. Grown rate at 11.16. Appendicion at the what. Ensign Qu. 9 M. George 8 P. M. to Privil Roger Welles Jr. Enugir Q. S. N.

Examined and found to be correct.

J. B. Milton Leutenant U. J. M.

gen. Round

LOG of the UNITED STATES

G of the UNITED STATES Thip Essex Making passage from Charleston & E. to Yorktown, Va.

Third Rate,

1		1	U V	- V	WIND.	-			BAROME	TER	TPMI	PEDAT	rupp			4 4	2
Honr.	Knota.	Tenthe.	Reading of Paten1 Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.			Alr, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10the.	State of the &
А. М.	.33	, ,		c				١,									
1	_/	4	66.4	Grast.	Su. by Ob.	3	5	1/2	30.14	65	66	62	71	b.e.w.	cir cum	8	8.
2	1	4	666		North	2	4	1/2	30./3	64	65	61	71		**	5-	
3	1	2	Hamed in	6.14 9 .		2	4	1/2	30.13	64	65	61	71		cura.	. 6	
4	1	0		&:/2 P.	N. ly 6.	2-3	4	1/2	30.13	64	65	61	71	40		5	
5	1	4		6		2	4	3/4	30.14	64	65	62	70	b.c.	cir eum	.6	
6	1	4	*	East		2	4		30.14						.,	4	٠,
7	1	0	1 -	**	North	1-2	4	3/4	30.15	64	65	61	70	**		4	1.
8	0	7		,,	**	1	4	3/4	30.15	64	65	61	70			4	
9		7			**	1	0	3/4	30.19	65	65	62	70			5	-
10	0	5				0-1	0	3/4	30.19	67	66	62	70	**	-	4	
11	1	2		e *.		1-2	0	1/2	30.19	66	67	63	70			4	-
Noon.		5		East 6.46.	NE. by N.	2.3	0		30.19					-	.,	2	
					1									in the same of			

48 6 Distance must by deg
Course and distance made good since preceding noon by observations, \$76.6. 56 knots. 3102811. " (Latitude by D. R. Position at Noon: Longitude by D. R. 70 0 33 , 94. " 31 0 16 11. " Latitude by observations of O 70 0 25 , 04 " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from None 31017 1 1. " 70032194. " Position at 8 P. M. { Latitude by Cherwation (Summer) 4 30 9.9%. 31 0 11 . 1. 11 69 0 58.04. " Current during the time, / & knots tenths per hour, setting to the 9326. Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head variation used, 300 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 1200 Water remaining on hand fit for use at Noon, tons /840 lbs Coal consumed during the preceding 24 hours, 126 " 1910 Coal remaining on hand at Noon,

-	-	17					1	1					1	1	-	
P. M.	4	2 Houled in.	E ast	A. by E.	3.4	4	1/2	30.19	66	67	64	7,	b.c.	cir.cum	2	J.
2	2	4	6. by 9.	A. N. 6.	3	5	1/2	30.20	66	68	64	71			2	
3	2	4	€. 46.		3	5	1/2	30.20	66	68	64	71	*,	4.	2	4
4	1	8	6.96.146.		2.3	5	1/2	30.20	66	68	64	71	и .		3	
5	3	0	E/29.	North	3	4	1/2	30.20	68	67	63	71	.o.c.	um and	0	
6	3	0 "			3	4	1/2	30.20	67	66	62	71			0	
		2 .	E. 14 9.		2	3	1/2	30.21	67	66	62	71		4	0	
8	/	2	,,	**	3	3	1/2	30.22	66	66	61	71	b.c.m.	cum.	7	
9	1	2	East		2	3	0	30.22	66	66	61	71	b.c.		7	
10	1	2		٠.	2	3	0	30.22	66	66	61	71			γ	4
11	_/	2 .		.,	2	3	0	30.22	66	66	61	71			7	4
Mid.	1	0			2	3	0	30 22	65	65	60	71			7	,
_													-			200

, U. S. Navy,

Willaperton.

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a. m.

Chuchy and pleasant. Bright moonlight. Light to gentle breeze from it by to by a Chippentice at the while at end of watch under jet, fore topmast stayout, single neefed consect close neefed topeach and aparter, heading 6.12 I. Bonrae Gast.

n. J. Col man 43 Chungwall. G. M. From 4 to 8 a. On Gair and pleasant Tight aire and breyer from I with and I by E. I morth sea Concil Gast (y. o.) This on you take under double neglest operails, enigh rafter concer, jet, for trymach stayeard and spanker. apprentices of water at the wheel.

Orm 8 a. On. to Overid.

Lientewant 94. 9. W Calme to light aris from North until last how light to gentle breyer from No. by Nr. I am first part cloudy last how. Tworth sea. Thurtered crew at quarters at 9 30. Time 9 45 to 10 30 excessed all hands at making and fulling earl. Those very made all plains earl to ropale, The period, 10. 45 to 11. 45 methodical list and again made all plains earl to replace The period, 10. 45 to 11. 45 methodical list watch in state in and any year, I should watch as a single. reef in the manual and fuled the engle Designatur of magazine, forward 72°, aft, 70° bleamed outgot for water tank appentices at the solver.

From Merid to 4 P.M.

General Qu. S. N. Cloudy, naw squally pressing along horizon to FE Light to moderate breeze from A by E and A N E. Dillod as follows: 2rd worted 1.15 to 2.15 cails and space 230 to 3.15, generally, 3.30 to 4.00 gymnastics. At close by the wind on port tack ends for topmast stayails and all plain sail to toppallant eachs with surgle ref in the marrial. Assumption of which apprentices at wheel.

Orneash and closely Gently breeze from North Baronter steady. At 6.00 called all hands cent down royal yards fulled topogethear sails, took three neefs in topogethe and one in forward and completed by 6.10 a steamer structury to the Northward spaced will ahead. Apprentices at the while.

Moulgonery Mr. Lengton

Roger Welles Jr. Ensign W. S. M. Cloudy and pleasant. Eight breeze from North. Bacometer steady. Appendices at the wheel. We send of watch under jit, foor toynest staypait, single respect conserved a low respect topseals and epanker, or conserved Each.

M. S. Col Eman

Examined and found to be correct.

J. B. M. ellen, Leutenaut U. J. W.

Rate,

Naking passage from Charleston, F.C. to Yorktown Va.

			Reading		WIND.				BAROME	ETER	TEMI	PERAT	URE.			lear the.	Sep.
Honr.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Buib.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the 8
A. M.	23	ī				p											
1	1	4	Healedin	East	North	1.2	5	/2	30.22	65	65	62	71	bo.	cum aint	. 2	9.
2	/	6			•	3	5-	1/2	30.22	65	65	62	71	b.c.p.		2	
3	1	5				3	5-	1/2	30.21	65	65	61	69	to.		, ,	
4	1	5	- 1		٠.	3	5	1/2	30.21	65	65-	61	69	*	in.	2	
5	1	5	. 1	E. by 9.	N.N.6.	3	3	1/2	30.21	65	65	61	67	4,	cum much	. 3	
6	1	2		6.9°6.	16 by N.	2	3	1/2	30.22	65	65	61	67		cir ma.	3	
7	1	2	.)	96. by 6	N6.	2-3	3	1/2	30.23	65	65	61	67	-	٠,	6	
8	2	5		\$6.46	NE. by E.	2-3	4	1/2	30.26	67	66	62	67			8	
9	3	7		98.349	6.46.	3	3	1/2	30.29	68	67	63	69			9	
10	2.	0		9.96:126		3	3	1/2	30.29	68	68	64	69			9	
11	2	3		9.96.3/46		3	3	1/2	30.32	68	68	64	69	4.	1.	9	
Noon.	3	3		4.		3	3	1/2	30.33	68	68	65	70			9	

47. 5 Distance new by frag.

Course and distance made good since preceding noon by observations, 953.6. Latitude by D. R.

Longitude by D. R. Position at Noon: { Latitude by observations of O

Longitude by chronometer from Forenoon Observations of ②

Latitude by D. R. from None Position at 8 A. M. Longitude by of greature O

Position at 8 P. M. Langitude by & l. from Norw

Longitude by Chromometer from afternoon observation of

tenths per hour, setting to the \$. 14 9 % Current during the time, 10 knots

Par.

Resear of the Compass by Azimnth O observed at 730 a.m., ship's head 96. by 6. Deviation of the Compass by Azimuth @ observed at 30 0 0, ship's head ...

Deviation of the Compass by Azimnth O observed at # 3 (), ship's head ...

Water expended during the preceding 24 hours,

during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

47 knots. tenths.

30 057 11. " 69 0 39 . 94. "

30 ° 47 ' N. "

69042 194. " 30057' W."

69048194."

31009 . 11. "

69058.91.

50 19 9 2 16.6. variation used, 5000 \$

5 56 04. "

variation used, 5 000 % 0 03 %. 350 gallons

850 tons 560

126 - 1450 -

P. M.								,'							
1	2	6	Houledon	A by 24.12 24.	16. by 6.	3	3	12 30 31 68	68	65	70	b.c.	Cir. cum	9	2
2	2	7		A 3/4 W.	6.18.	3	3	1/2 30.31 69	68	65	70			9	
				N/2 %.		. 3	3	1/2 30.31 69	68	65	70			7	
4	3	3	11 -			3	0	1230.3169	68	65	70	*		7	
5	3	0	64.5	N /4 W.	8. by N.	3	0	12303167	66	63	69	. 1	stial.	7	4
			70.5	1 by 6	6. 2, 3.	3	0	1230 31 67	66	63	69			7	
7	2	7	732	N by 24.	E ly N.	3	0	1230 31 67	66	63	70		4.	5	-
			76.6	North		3.4	0	1/2 30.31 67	66	63	71			9	, ,
9	5	0	80.7			4	4	1/2 30.32 68	66	63	71		-	9	-
10	4	5-	83.9	N. 14 04.		4	4	1/430.32 66	66	64	71			8	
11	4	6	Harled in	40		4	4	123032 66	66	64	71			8	
						4	4	1230.31 66					cum.	6	
															-

Midnight to 4 a. M. ... Strong and cool . Dight airs inversing to gentle breyer from North. Light passing chrown about 120 . Ship on his coinse East (pc) under chow refer toquaily angle refer consu, jet, for toquail staysail and epaules. Few amounts appointed at the wheel.

From 4 to 8 a M

W/2 Capiton use Leutenant U. S.W.

Light to gentle beeze vering from N. N. E. to N. E. by E. Cloudy first part fair and pleasant last two home. Imouth ear. Between 700 and 720 exceed by at years, about my the refe and made all plain sail to engale except a reef in the maintail. appentice at the wheel

Oum 8 a. M. to merid

Oca Rocard Dr. S. M.

Elean and pleasant Gentle buye from 6 N.E. At 9.30 mustered at quarter and delled as followerfull 9.41. 2nd watch, station, 3. watch infanty. At 9.41 called "Chan ordered lowed boat in 1 minutes and ficked up buy in 5 minutes, filled and, on conce in 13 minutes. Seen 10.45 to 1130 dulled 2nd watch at vaile and epair and 3nd watch at pittols 4 9.15 eighted chip to Fd. standing to No A clav under plans and for topmash stayard, by the winds on statered tack. Appendice at the wheel Temperature of magazine 73 forward, 75 eff. At 12.00 changed come to I by 6.

June Merid to 4 9.90

Worldmery W. Leugler

blean and pleasant. Gentle beeze from N. 6 by E. to E. N. E. Baronter steady Medwall plain said to regels, by the wind in the starband tack having was they at 12.00 The first water had Infantry from 115 to 2.00 and printer from 2.15 to 3.00, the second until orraducate from 1.15 to 2.00 and Infantry from 2.15 to 3.00. At 3.15 called all boats amud and away, and etationed apprentices under the over organization, for the three services and for alandoning alop apprehitices at the while.

Roger Weller

Energy of 50%.

Cloudy and pleasant Grutle to moderate been few 6 by to 6 by 5 December the 50%.

At 6 o'clock called all hands reef toperals and took in wyals and topgallant sails, fund expets and let topgallant sails over engle neefs topgallant calls over engle neefs topgallant sails and expenses and let topgallant sails with under engle neefs topgallant sails of watch under engle neefs topgallant and sparker, heading North. Consult for topmass stay aid, jet and sparker, heading North. Consults by 6 appendiction at the wheel.

From 8 P.m. to Mid.

J. Coleman Ensign Qu. F. Ok

Clear cool, and pleasant Moderate brezes from E. by N. Correr N. by E. year Thips by the winds on starboard tack under earn each as at end of principle world. apprentices at the while Ever emorts. Hauled in patent log at 11.00, as it was failed with sea world.

W. Blaserton, Leutewant Ql. F. N.

Examined and found to be correct.

J. B. Me illow, Navigator. Secutional & S. S. R.

LOG of the UNITED STATES Phip Essex. Phird Rate, Making passage from Charlestow & C. to Yorktown, Va

-	-	-	- 6												72.11		4
			Reading	COURSES STEERED	WIND,				BAROMI	ETER -	TEM	PERAT	TURE.	State of	Forms of	Clea Othe	Se Be
Hour.	Knota.	Tenths.	Patent Log.	by Standard Compass.	Direction by Standard Compass.	Force.	Hoel.	Loeway.	Height in inches.	Ther. atl'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea. Sky, in 10ths.	State of the
А. М.	41	6						,						^			
1	3	7	Hauledin	1.1/26.	6. by N.	4	3	1/2	30.29	66	66	54	71	b.c.	cum.	8	8.
2	3	7				4	3	1/2	30.25	- 66	66	5.4	71			7	1
3	4	2		1.146		4	3	1/2	30.26	66	66	54	71			7	
4	3	8	,,			4	3	1/2	30.28	66	66	54	71			7	
5	4	0	.,	N 3/4 E.		3	2	1/2	30.28	66	66	64	70		cir. eum	5	
6	4	3		N by E		3	2		30.29					,		3	-
7	4	5		13/46.		3.4	2	1/2	30.30	65	66	64	70	١,		2	
8	4	5	٠.	North.		3.4	2/		30.31							4	-
9	4					3	3	1/2	30.3/	67	67	64	68		1 -	6	
10	4		L.,			2	3	1/2	30.32	67	67	65	68			5	
11	3	0				3	3		30.33					**		7	-
Noon.		0		,	East.	3	3		30.30		10.0					8	

89. Dietaure nu by Sog			
Course and distance made good since preceding noon	by observations, N. 14 4 9.	93 knots.	tenths.
Latitude by D. R.		32 015 'N	
Position at Noon:		70 001 19	ł. "
Latitude by observations of ②		32 017 0	}, <i>"</i>
Longitude by chronometer from		32 0021	ł. "
Latitude by DR. from Nor	v.	32 0021	N. "
Position at 8 A. M. Latitude by DR. from Nor Longitude by observation Q		70 0 07 19	k. "
Latitude by Observation (Jun	ner) from 4.30 P. M.	32 0 47'	b. "
Position at 8 P. M. Latitude by Observation Turn Longitude by		70 039 19	4. "
Correct during the time, & knots tenths	per hour, setting to the A 47 ! 9	¥.	
Error of the Compass by Azimnth O observed at 730	a. , ship's head & 3/4 2	1. 3 ° 58 ° 9	4.
Deviation of the Compass by Azimnth ⊙ observed at		0 42' 6	variation used, 5 ° /0 9.
Nau. First of the Compass by Azimnth O observed at # 30	On, ship's head & SO.	5 01 '0	ł. "
Deviation of the Compass by Azimnth @ observed at	4.36 P.M., ship's head	0 - 53 '%	variation used, 5 ° 30 °W.
Water expended during the preceding 24 hours,		300	gallons.
Water during the precedi	ng 24 honrs,		44
Water remaining on hand fit for use at Noon,		550	44
Coal consumed during the preceding 24 hours,		tons 400	lbs.
Coal remaining on hand at Noon,		126 " 950	44
		,	

P. M										1									
		3	6	83.9	1 19.	East	3	3	0	30.33	69	69	66	69	b.c		cir. cum	9	9.
				87.5			3			30.35									
3		6	9	Haded w.		". 6. by F.	3.4	3	0	30.34	68	67	66	70				6	-
4		6	6-		*		3.4	3	0	30.33	68	67	66	69		=	,	6	
5	;	4	8			-	3-4	3	٥	30.32	68	67	66	69		į	٠ -	5	
6	3	4	.8				3.4	3	0	30.32	68	67	66	69	40			5	. 3
7	4	3	6	-		٠.	3-4	3	٥	30.32	67	66	60-	69				5	
8		3	5	-			3.4	3	0	30.32	67	66	65	69		- 1	ceuse	7	. 1
9	,	3	2			East.	3	3	0	30.32	64	64	63	68			. 1	9	
10)	2,	8			6. by 9.	3	3	0	30.32	64	63	63	67				9	- 1
11	L	2	2	- 1		6 9.6	2	3	0	30.32	64	63	63	67	t.		none		
Mid	1.	1	8			96. ly 6.	2	3	0	30.32	64	63	63	67	-			10	
9 10		3 2 2 2	5 2 8 2			E st. 9. 6 9.6	3 2	3 3	0 0 0 0	30.32 30.32 30.32 30.32	64 64	66 63 63	65 63 63	69 68 67 67	1.		·. ··	9 9 10	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m Moderate breen from 6. by N. Dair and pleasant. Smooth see. Thorn are at 105. Claw banked in stubraid tack under jit, for topmart stayrait, aparker topgallant saile wore single refet topward topmart stayrait. Apparetices at the which

year Rose Leutenant W. S. W. Fum 4 to 8 a. On From 4 to 8 a. M. . Fair and pleasant. I suitly to moderate breeze from E. by N. at 6.30 aborts rufe out of toppacle and est royale and flying jet. At class by the world on darboard tacks under from topmant stayonal and plane pails to royale. Appendicional the wheel.

Nontemporary M. Langler.

Prom. 8 a. M. to Thered.

From 8 a On to Merid Clear and pleasant. Gentle breeze from 6 by s. to East. At 9.30 called ale hands clear shop for action after which, at 9.48 counted the call to general quarters, the directive reporting cast love and perorded as follows: Forward Porder deview in 2 minutes, 30 exemple, after Pender decreim in 3 minutes, 20 accords. Navigators division in 4 minutes 30 seconds, Fiel division in 4 minutes, 40 seconds. Their division in 4 minutes, 40 seconds. Their division in 5 minutes, 20 seconds. During thus drill called accord from and formal forms and their alofs with early on five. At 10 28 would to Five Directors the division reporting ready as follows: Navigators in 1 minutes, 50 seconds. Justes in 2 minutes, Plud in 3 minutes 40 records Engineer in I minute, 50 seconds First in 4 minutes and the second in 4 minutes, 30 records at 10 34 account Under all plane sail to egale with angle reef in manual, by the wind in the stanbard tack. Conce Ily E. at 12.00 changed come to N. & Dero auto reported from aloft, but not need from these from these dependences of the wheel. I important of magazine 72° forward 70° af Express radden quandraid and had and old same, the shipped tiller and and off always tradize, when which all the appendices inspected and inscinitivated Roger Weller J. Francish to 4 9 M.

Chilo clock at many and pleasant. Sently to moderate buy from East to 6. by \$. B. almosts straigy.

Oth 10 clock at many and mugger toquent staypacks From 1.15 to 20 clock had instruction 1.5 watch broadwords with infacting the free broadwords. From 2. 15 to 4. 00 structured all the appointing on the fire toquent Ot and of watch under all plane said to expect wash a single out to many and all topical daypack, on conserve to the Experiment of the while Oth Mr. clarited free in boiler (1)

in boiler a

n. J. Colsman Ou. S. M. Trosa 4 to 8 Pm

Clear, cot and pleasant. I suite to moderate breze from 6 by I. Thep on conse to N & you all to colors took in toggallant early regal and flying git and took two engle refer in the topsails and meet in the forward. Forgued distilling and banked flie on account of least in boiler a, and started free under boiler B. At and of water under toggard with two angle refer energy refer conser, git, for togenest staypard and examine apprehensive at the worker. W. W. aperton.

From 8 P. M. to Mid

Leutenant D. F. N. Gently to light been from East to FE by E blear cool and pleasant. Bright starlight. Mudew came east as at end of perceding watch apprentices at the what. Branked frier under boiler B

Examined and found to be correct.

Gen Regear Turbund Ch. J. D.

J. B. Melton, Navigator. Suntemant & F. N.

They Essex Third Rate, how Charleston St. to Yorktown Va.

			Reading		WIND.				BAROME	TER	TEM	ERAT	URE.	0		Clear 10ths.	3
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Buib.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	Osatan Caba Ca
А. М.	4)	2				1											ı
.1	1	20	Carlet in	J. S. 24	F. E. Ly &	1-2	0	0	30.32	64	63	62	67	b.w.	none	10	9
2	/	0			6.9%.	1	0	0	30.32	64	63	62	67			10	1 0
3	1	3				1-2	0	0	30.32	63	62	61	67	b.c.w.	cum.	9	1
4	1	3				1-2	0	0	30.32	63	62	61	67			9	Į.
5	1	5				1-2	0	0	30.30	64	63	61	68	4.	cum.etrut	7	Į.
6	1	6			··	1-2	0	0	30.31			,	68	-		8	
7	٤	2,			Gast	2	0	0	30.32				68			9	
8	2	6			ે 6 9 હે.	2	0	D	30.32				67		oir eum.	7	ŀ
9	2	4			NE. by E.	2	0	1/2	30.34	64	63	61	67	b.c.		6	ı
10	2	0			රි. එරි .	2	0	1/2	30.36	65	64	62	67		-	6	ı
11	2	0			East.	2	0	1/2	30.38	66	65	63	67			8	A
oon.	1	5				1.2	0	1/2	30.39	67	65	63	67			9	

Course and distance made good since preceding noon by observations, $\sqrt{38^294}$. 53 knots. tenths. Position at Noon: Latitude by D. R. Latitude by observations of $\sqrt{32^294}$. 70 ° 47 ° 94 " Longitude by chronometer from Forenoon Observations of $\sqrt{32^294^2}$. " Position at 8 A. M. Latitude by $\sqrt{32^294^2}$. $\sqrt{32^294^2}$. " Position at 8 P. M. Latitude by $\sqrt{32^294^2}$. $\sqrt{32^294^2}$. " Position at 8 P. M. Latitude by $\sqrt{32^294^2}$. $\sqrt{32^294^2}$. " Longitude by $\sqrt{32^294^2}$. " Conrrent during the time, $\sqrt{22^294^2}$ knots tenths per.haur, setting to the $\sqrt{32^294^2}$."
Position at Noon: Longitude by D. R. Latitude by observations of © 32 ° 54' \(\sqrt{3}\). " Longitude by from Forenoon Observations of © 70 ° 55' \(\sqrt{3}\). " Position at 8 A. M. Longitude by from Jerny O 70 ° 50' \(\sqrt{3}\). " Position at 8 P. M. Longitude by from Jerny H 30 PM. J 0 0 ' \(\sqrt{4}\). "
Position at 8.P. M. Latitude by observations of © Latitude by conservations of © Longitude by Conservations of © Position at 8.P. M. Latitude by Conservations of © Longitude by Conservations of Conservations o
Latitude by observations of © 32. ° 54 ° 4. " Longitude by Chromoter from Forenoon Observations of © 70 ° 55 ° 74. " Position at 8 A. M. Latitude by D. W. from Jerus O 70 ° 50 ° 74. " Position at 8 P. M. Latitude by observation (Susmer) + 30 ° 76. 33 ° 00 ° 51. " Longitude by
Position at 8 A. M. { Latitude by & M. from Jorney 32 ° 48 ' M. " Longitude by observation O 70 ° 50 ' M. " Position at 8 P. M. { Latitude by observation (Summer) + 30 ° M. 33 ° 00 ' M. " Longitude by 71 ° 01 ' M. "
Position at 8 P. M. { Latitude by of Liveration (Liverator) 4.30 PM. 33 000 N. " Longitude by 71 00 1 CL. "
Position at 8 P. M. { Latitude by of Liveration (Liverator) 4.30 PM. 33 000 N. " Longitude by 71 00 1 CL. "
Current during the time, 12, knots tenths per hour, setting to the
Error of the Compass by Azimuth O observed at 730 (M., ship's head A. N. W. 4 0 30 'W.
Deviation of the Compass by Azimuth @ observed at 730 0. M., ship's head . 0 47 2. variation used, 50 15 2.
Exercity of the Compass by Azimuth \odot observed at μ_{30} \mathcal{O}_{N_c} , ship's head σ_{30} \mathcal{O}_{30} $\mathcal{O}_{$
Deviation of the Compass by Azimnth O observed at 436 P
Water expended during the preceding 24 honrs, 400 gallons.
Water distilled during the preceding 24 honrs, 200 "
Water remaining on hand fit for use at Noon, 350 "
Coal consumed during the preceding 24 hours, / tons 560 lbs.
Coal remaining on hand at Noon, /2 5° " 390 "

Р. М.														-			
1	1	5-	Harled in	1 1194	E. by N.	1	0	1/2	30.39	67	67	63	69	b.c.	cir. um	9	9
2	1	2	-	20	0	1	0	/2	30.38	67	67	63	69				
3	1	0	1.			1	0	1/2	30.37	68	67	63	69		nou	10	
4	/	0				. 1	0	1/2	30.36	69	67	63	69			10	
5	0	8	1		96.	0 -1	0	0	30.34	69	67	63	69		-	10	
6	٥	6	N .	**		0-1	0	0	30.33	68	66	63	69	6.		10	
7	0	7		4		0-1	0	0	30.33	67	65	62	69	b.c.	cir stub	. 9	**
8	0	8			9.994.	0-1	0	0	30.32	67	65	62	69	4	cum etial.	9	
9	0	8			9x.90x.	0.1	0	0	30.31	67	65	62	69	b.c.m.		9	-
10	0	8	(,)			0.1	0	0	30.30	67	65	62	69	0		9	
11	1	6				1-2	0	0	30.29	67	65	62	69	b.m.	none	10	
Mid.	1	6		**		1-2	0									10	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Eleav and pleasant. Light airs to light breeze from SE. b., E. and E. SE. Prom raw at 140. At 2.00 started distilling with banked first under boler B. Under jet, for toppared staysail, double reefed toppares, enight reefed consect and spanker, on consect A. N. D. Appendicion at the while

Varigousy & Suylar Ensign Ol & Ok From 4 to 8 W. VI Clear and pleasant Light are and breve from 6.96 to Each at 6 00 turned the refer not of topsails and pleasant and made all plans sail to royale everyle a single nef in manual brever No. 18 th. a tack engaged in scrubing clother and deeds bright wordened sto earth sand and causase Distilling with banked free under brief B. a three masted schools passed the ship standing to the Inthward apprentices at the wheel.

Onsegn W. J. W. Own 8 a. M. to Merid. Chean and pleasant Light variable been from NE by E. to East, Baronette neing.
(Natch on deek and Adic engaged cleaning elip at 10.35 called all appendix dense to their quotier with bags for bag neighbour and sud of with under all plain each to works (weight a single neif with maintail) and for toppendix of major with the maintail) and for the toppendix of major with the maintail and for the forward, 75- aft.

M. V. Col Eman Own Merid to 4 9 m Chique VI. 9.9%. in Dept. Eupplier and Commit by the quarterly but of new from E by N. Comme N. N. O. Consumed in Dept. Eupplier and accounts by the quarterly but of newny, and three orrboard 14 lb. bacm, Than and Perkine Contractor imports in 1892. Flux on totaling and small store. In survey, and three Tea survey. Eva survey and survey store the present and all glaw sail to regule, except single reef in manual. Distilling with fire banked under boiler B.

From 4 to 8 P. M. Calme to light air from \$6, vering last how to \$.60 bleav and speaked. I meth and
At 6.00 fulled topgallant will and regular flying jet and aparker and hauled up the enrese At 6.30
lanced a boat and brought alregade a floating juter of tember which when british or board was found
to be a pair of temmed pine it feel lag is muche under and it make thick It had no marker and
wridently had how a part of w weels duch bed Its carting of bruncher indicated that the truther had
been in the water at least usual months (A 700 cet the foresis). At each of watch under jet fore topmark etaysail, topsails and freeail. Distilling with five banked under boiler B. apprentices at the wheel.

Gen R. C. Sinterwall W. & W. Sem 8 Q. In to Irid.

Brair. Bright starlight Misty around hours balow to quite brey from It. F. W. at 10.30 set mainsail. At close of watch on coner A A D. under jit, for topmast stayail, foreail topsails and congle nefet manusail. Distilling with branked free under Iriles B. Apparentices at the wheel.

**Montgowery the Surface Conergy D. F. M.

Examined and found to be correct.

W. Kaperton

- Energy Q. F. M.

Theid Rate,

LOG of the UNITED STATES I hop Essex Making passage from Charleston F.C. to Yorktown Oa.

			4 - 4		WIND.				BAROME	TER.	TEMI	PERAT	TURE.			Pre r	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths.	State of the Se
А. М.																	
1	2	2	88.5	N. N. OL	99. ly 2.	3	0	0	30.28	64	64	61	68	в.	none	10	8.
2	2	6	91.1		. 0	3	0	0	30.26	64	64	61	68		, ,	10	14
3	2	1	93.2		į	3	0	0	30.26	64	64	61	68			10	
4	2	8	93.4	p.	69	3	0	0	30.26	64	64	61	68		. "	10	
5	3	.5	96.7		West	4	4	0	30.23	65	65	63	68	tc.	cir cum.	8	٠.
6	5	6	2.3	St. by ON.	41	4	5	1/2	30.22	66	65	64	68	b.	sunce	10	
7	5	8	8.1			4	5	1/2	30.21	67	67	66	69	b.c.	cum.	7	
8	6	2	14.3	N. 1/2 W.	N. by N.	45	5	1/2	30.20	67	.69	67	71	."	eir. eum	1 6	
9	6	5	20.4	A by 84.12 04.	Q1 L1	4-5	7	1/2	30.21	69	69	68	71	b.c.m.	-	9	
10	6	5	26.9	1.19.		.4.5	7	1/2	30.22	69	70	69	69			3	~
11	6	7	33.1	**	C4. by 9.	4-5	7	1/2	30.21	69	70	69	69		nimb	2	-
Noon.	6	+	38.8			4-5-	7	1/2	30.21	69	70	69	69		cir.eum	. 2	1
											_		-			-	-

69. 3 Dietause run by Log Course and distance made good since preceding noon by observations, 1/15294 66 knots. tenths. 33 ° 55' N. " Latitude by D. R. 71 031 194. " Position at Noon: Latitude by D. R.

Latitude by observations of © 33 058 'A. " 71 016 04. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. M. fund I want 33 º 36 ' N. " 70 ° 59 'W. " Position at 8 P. M. {
Latitude by observation (Junuary) 4 5.45 PM.

Longitude by

Current during the time, 12 knots tenths per-hour, setting to the \$\$\sqrt{6.5}^2\hat{\xi}\$. 34 0 26' N. " 71028194. " Pau. Beror of the Compass by Azimnth O observed at 7.30 (1941, ship's head I by W. 4º18'9. 0 0 35 6. variation used, 5 030 'W Deviation of the Compass by Azimuth O observed at 7.30 (4.9%, ship's head Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth O observed at , ship's head variation used, 350 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water distilled .800 Water remaining on hand fit for use at Noon, 800 tons 2080 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 124" 550

,						1		1									
P. M.								!									
1	5	5	43.8	1. 1. 24.	9. h. J.	5-	7	1/2	30./3	70	72	70	68	b.c.m.	cum.	4	9
2	5	0	487	So ly 36 /2 24.	West.	4	7	1/2	30.11	70	72	70	68	4		7	*
3	1	2	5-8.1	Joly W /2 24.	1.96	4	7	/2 .	30.11	64	69	68	68		ein	4	
			58.7	NOt by N.	A6.	5	7	1/2	30.09	64	69	68	68		civ. cum	4	**
5	6	2	63 0	N 2 3/4 N.		4-5	7	1/2	30.10	66	66	66	68		-, -	1	
			68.9	J. W. by N.		4.5	7		30./0							2	4.
7	3	8	727			4.5	5		30. //								
			77.7		. **	5.6	5	1/2 .	30.11	66	66	65	68	**		5-	
9	6	9	84.6	J. P.J. 2/4 N.	NE. by E.	6.7	Y	3/4.	30.21	65	65	64	68	b. g. g. m	cum mint.	7	34.
10	6	5	91.1	1 %. by 1		6.7	7		30.23							8	
11	5	1	96.2	. 0		6.7	7	3/4.	30.25	64	64	63	68	"		7	
Mid.	14	3	100 5			6.4	7-10		30.27								

, U. S. Navy,

, 1894.

n. J. Coleman

W. Kaperlow.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Obedinight to 4 a. Mr. Slean and pleasant Sently breen from IN by M. Under jet for togenest staypail, togenest connection connection of 2.00 Between 1.38 and 3.00 a strange passed standing about N. M. Dietillug with free banked in briler 18. appendices at the while.

Drow 4 to 8 a. M. Energy N. F. M. Baronete felling at 4. 80 est topogallant sails engale, flying fit against plane and muzzes topogallant sails at 4.30 hauled done flying fit . at with of water, windle fillow earl to engale except flying fit and a swigle need in manuals) with all topomach struyeals, Emme A. N. W. appendice at the while Destilling with banked free under briter 13.

Onom 8 a On. to Merid.

Clear to cloudy and hazy around horizon Products to stiff breyer from Check and Ob by I. Concerve A 1924 from Check and Ob by I. Concerve A 1924 from Check and and fund organic at grantees. At 1000 tooks no and funds organic at grantees at the sound of many and muzzin topment stonger and all plain early to topy allow early everyth a single self in manuscil. Agreetice of the watch at the while Diething with fine banked under boiler B. Semperature of magazine 71 formed, 70° aft.

Onom Merids to 4 9.90.

Worderste to stiff breeze from Obly I and Neet until 2.30 then closely vering to 4 9. and Neet until 2.30 then closely vering to 4 9. and Neet until 2.30 then closely beinging her by the word on stadroud teals of Cauled down man and majori transmit stayeals at 3.00 At 12.10 closingly concert to NW by S. At with of watch or course NW by S. indee for transmit stayeals and all plain each to topgallant early except a singly self in the mainsail. Distilling with five banked under briles 18. Appentice at the wheel.

From 4 to 8 Pm. Lendy and damp Products to field been from N. E. Ot 400 passed as large piece of some timber. At 4.45 eighted brig standing to 96. Ot 600 fulled topgelland early Distilling with braked free under boiler 18. At close of witch wide jet, four topmark staypaid topenels, conser and expander, with engle net in manieval, on course N. It by M. Appendien at when Montgowery H. Herstory

Woodgonery M. Felfor

Greege N. Sa.

Change N. Sa.

Examined and found to be correct.

			Reading		WIND.				BAROMI	ETER	TEM	PERAT	TURE.		Forms of	Clear Othe.	o Pers
flonr.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at. Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of C	State of the Se
А. М.	61																
1	3	9	44	NON 3/4 N.	J. E.	6.7	6-10	1/2	30.23	64	61	60	67	b.c.g, m.	Cum. suil	7	9
2	3	3	7 7	104:12 A.		6.7	6-10	./2	30 22	63	60	59	67		-	7	
3	4	0	11.7	J. 94:14 Jr	,	57	6-10	1/2	30.28	62	61	58	67	4		8	1
4	4	8	16 5	J 21.12 N.		5-7	6-10	1/2	30.28	62	61	5.8	67	,,		8	1 "
			215	A 96 14 M.	,	6	7-12	1/2	30.29	61	60	56	67	b.c.	cir cum	6-	G
			26.3	194.3/4.4.		6	7-12	1/2	30 29	60	60	56	67	*		4	1 4
7	5	0	31.2	A DA by N		6	7-12	1/2	30.29	61	60	56	66	**		4	
				1		6	7-10		30 29							4	
9	3	9	37 5 43.4	164.1270	16. by 6.	5	7-10		30.40						1 -	4	6
			50.3		- 0	5	7-10	1/4	30.45	62	61	57	67	**		4	
			57.1			5	7-10	./4	30.47	62	62	58	67		-	6	١.
	,		64.5		**	5-	7-10	1/4	30.50	62	62	6.8	67	-		6	

126 1 Dictance own by Patent Log.		
Course and distance made good since preceding noon by observations,	\$50° %. 119 knots. tenti	15.
Latitude by D. R.	35 ° 27 ' N. "	
Position at Noon:	73 001 194. "	
Latitude by observations of O	35 ° 17 ' Vr. "	
Longitude by chronometer from Forenoon Observ.	ions of © 73 °06 '%."	
Position at 8 A. M. { Latitude by D. R. from None/ Longitude by of Lunature O	34 ° 58 ' N. "	
	72 0 38'94."	
Position at 8 P. M. Latitude by observation (Limnur) at 4.30 Pg	. 35 ° 48' N. "	
Longitude by	73 0 57 04. "	•
Current during the time, /O knots tenths per hour, setting	the \$ 29.9%.	
Error of the Compass by Azimnth O observed at 730 Q. %, ship's head	N. St. by N. 4°45' St.	
Deviation of the Compass by Azimuth @ observed at 7.30 0.7%, ship's	rad 1 37 %.	variation used, 5 ° 30 '%.
Report of the Compass by Azimnth O observed at 4.36 99, ship's head	J. Oh. 5-09 '94."	
Deviation of the Compass by Azimuth O observed at # 36 99h., ship's	ad 3°08'W.	variation used, 5 º /2 . W.
Water expended during the preceding 24 hours,	300 gallon	s.
Water distilled during the preceding 24 hours,	900 "	
Water remaining on hand fit for use at Noon,	1400 "	
Coal consumed during the preceding 24 hours,	/ tons 3 2 0 lbs.	
Coal remaining on hand at Noon,	123 " 230 "	

P. M		1							1								
P. 34.	4	3	68-8	1 7/2 8/-	1615	1-	1	./.	30.53	Ja	12	54	70	l. a	Cum.	3	6.8
			784	J1.94	16. ly 3.				50.64					0.0,	cir cum.		
			84.6	,	1				30 52								
			898		6.16.				30.51						1 .		
			9+0						30.47						cum.	6	
6	3	5	975			3	5.8	0	30.47	63	63	58	74		1.	7	
7	2	6	100.1		East	2	4.6	0	30.46	63	63	2.8	74		,	7	5
8	2	0	2./			2	2.5	0	30.45	63	63	58	74		1	7	
9	2	3	3.6		6. by st.	2	0	0	30.+9	63	63	2.8	74			3	9re
10	2	3	36		-	2,	0	0	30.49	63	63	58	74			8	~
11	2,	0	Cause in		16. by 6.	2	0	1/2	30.49	63	63	58	74			8	~
						1-2	0	1/2	30 49	63	63	58	74	,		9	
																	_

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midseight to 4 a. ON.

Partially cloudy and cool Stiff breeze with frequent brany equally from

16 Davometer viewy Monoral at 238. At end of watch under topsails, for topmand etayunch and

spanker heading No. 12 N. Cones & N. by D. Dietiling with banker free under boter 13. Apprentices at

the what.

c Ensign M. J. R. Prom 4 to 8 a. On

Dair and cord. Duch breyer from NE. Course A & by S. (pc.) Fin rough from NE. Phip rolling duply and frequently: evitime role to between 22 to windward to at 630 act foreall at end of watch on his course A & by M. by N. under for topeward etapail, topeals, foreall and appealed appealment at the which Distilling with free banked under both. The clock of minutes literary 700 and 800.

Leutenant 91. J. R. Time 8 U. M. to Merid

Stiff breef from No. by 6. Dair and pleasant blooping and ineques sea Muttered crew at quarters at 9.30. Suring 1st period, 9.45 to 10.30 meetind all hands at takens for quesal cordinare. 2nd period, 10.45 to 11.45 instructed 1st watch in mailineapels examiniship, carlinating and compress, 3th watch in saile and space. Fet the manusal at 9.10, the main tripial and jet at 9.25, and the topgallant earlie at 10.15 bleamed per after water tank. By other of boundaring Officer changed concer at 9.35 to 19.18, per Gandard. At end of watch we came it 18.18 under for topparet staypart, main tripial and plain said to topparellant. vails every a emple net in the manual apprentices at the wheel. Desuperature of magazine 72: formaid 70: aft Distilling with free banked under boiler B.

General W. & R. From Merid. to 4 49%

Oran of lead. In 10 M. Dair and pleasant. Gutte to freely breeze from 1/5. by 6. and 6. 46. At 12.45 changed concer to 1/8, by find log 68 8. At 3.00 at man and myse topment to typical and at 340 cet orgale. At 1.5-aighter backenter structing to 42. Dilled as follows: 1/5 to 2.15, frist watch, early and separe 2. 30 to 3.15. frist watch, guessey 2. 25 to 3.15. frist watch, guessey 2. 25 to 3.15. frist watch, guessey 2. 25 to 3.15. frist watch, early early and space: 3.30 to 4.00, friest watch, laber land and log 2. 2 watch, gymentes At clow or corres N. H. wally all early except flying jet and energy are in manual. Distilling with brake free under biles 18. Appendixes at the solute.

Ones 4 to 8. 9. M. Level of and be set how love 6. 45 to bell how love 6. 24 to 1. 4 to 1

Clear and pleasant. Gentle berry from 6.16 to light bury from 6at At 4 to toth in main trysail and examine, and at 6.15 toppellant suite royale, and minus and mixture topmack stripacle. At end of watch under topeach concer with a single net in the maineach jet and for topment steepail, be concer it it. Tighted as steamer, hell down, structury to the Estevent at 7.00. Distilling with backed free under boiler 15. Apprentices

at the wheel.

Rogu Welle, Jr Enuga 9.99 Oumu 8 P.M. to Mid Castally closed and cook. Light breeze to light aris from 6 by b. to No. by E. This voling considerably to moderate will from No. at ends of witch endew jet fore togenach stargail, togenach, foresil enight needed manuscil, on conce N. appentices at the whal. Backed free in boiler B. Dietelling. I be commended to the concept to the whole the solution of the commended manuscil, on conce N. appentices at the whal. Backed free in boiler B. Dietelling. I be commended to the concept to the concept to the solution of the soluti

munardor, N. J. M., Comazz. Examined and found to be correct.

LOG of the UNITED STATES Phys Essex Phird Rute, Making passage from Charleston F. b. to Yorktonn, Va.

		_		v	0 0		-	-			-					-	-	-
			Read	ine		WIND.				BAROMI	ETER.	TEM	PERAT	TURE.	State of	Forme of	lear ths.	o Sea
Hour.	Knota.		of Pate Log	nt	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M	. 45	,	-			2									0	cir cum		C
1	0	6	Hande	انت	J 94.	G. N. E.	0-1	21.25	0	.30.48	63	63	28	74	b.c.w.	strat	9	di.
2	0	6			*4		0.1	21.25	0	30.48	63	63	28	74	"		9	
3	٥	1	,			balm	0	21.25	0	30.49	63	63	58	74	42		9	
4	0						0	21-25	٥	30.49	63	63	58	74			9	٠.
5	٥	3			N /26.		0	15.20	٥	30.49	63	62	59	75	b.c.	-	8	2
6	0	١,			_		0	15.15	0	30.49	63	63	60	76		cir cum	. 7	
7	0	(i			0	10-15	0	30.49	64	66	64	75			. 6	
8	0	(٠.				0	10.10	0	30.49	65	67	64	75		cum.	6	
9	0	0					0	10-10	0	30.46	65	67	64	75	- 11	-	6	
10	0						0	10-10	0	30.43	67	68	64	75	-		6	~
11	٥	-			A by 94.	West	0-1	10 -10	0	30.43	67	68	64	75			7	-
Noon	. 1	3			North		1	10-16	0	30.43	67	68	64	76			7	1
V.			~							_		1	-	-		-	1	

4 8 5 Dista	ruce run by org.		
Course and distant	ce made good since preceding noon by observations, $\sqrt{19^2}$ %.	λ knots. tenths.	
	Latitude by D. R.	35 0 56 W. "	
	Longitude by D. R.	74 000 . 94. "	
Position at Noon:	Latitude by observations of O	36 024 101. 11	
	Longitude by chronometer from Forenoon Observations of ②	73 035 1 W. "	
	Latitude by D. R. from Norw Longitude by Priewation O	36 022 · N. "	
Position at 8 A. M.	Longitude by Priewation O	73 035 194. "	
	(Latitude by Observation (Lumner) at 4.30 P.M.	36 057 . N. "	
Position at 8 P. M.	(Latitude by Observation (Juniver) at 4 30 99.	73 011 , 94. 11	
	e time, 35 knots tenths per hour, setting to the 1282	6 .	
	oass by Azimuth O observed at , ship's head	0 /	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o ' variation used,	0
Error of the Comp	oass by Azimuth ⊙ observed at , ship's head	0 / //	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	o variation used,	0
Water expended d	uring the preceding 24 hours,	400 gallons.	
Water distil	during the preceding 24 hours,	1000 "	
Water remaining of	on hand fit for use at Noon,	2000 "	
Coal consumed du	ring the preceding 24 hours,	/ tons /60 lbs.	
Coal remaining on	hand at Noon,	122 " 70 "	

Р. М.									1						cir.cum		
1	3	2	3.6	1.126.	CH. N. W.	2	5	1/2	30.38	63	69	64	76	be.	cir.cum.	8	٤
2	4	8	8.4			3	5	1/2	30.38	69	69	64	76	-		8	4
3	5	5-	13.9	**	1	3	5	1/2	30.39	69	69	64	76			8	-
4	6	6	20.5	A 1/4 94.	West.	4	5	1/2	30.39	68	68	64	66			8	
5	7	3	27.8	N. A 94:14 94.	9. ly F.	5	9	1/2	30.33	68	68	64	70		cir.cum.	9	
6	5	8	33.6	Aly 21:12 94.		5.2	7	1/4	30.30	64	64	62	59		.,	9	
7	2	2	35.3	9.12 %.	Hest.	3	3	1/2	30.29	64	64	62	59	1+	cir.	7	
		9				3	3								cum steat.		
	3		42.4	"	Ok. by 9.	5.6	6							b.o. m.w.		9	
		4	46.8	*		5.6	6	1	30.25							9	
		٥		9 3/4 04.	.,	5.6.	6										
			55 8	9. by 04 14 W.	Otest.	5.6											
					,						,					1	

Mr. Levitewant W. J. N.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Midnight to 4 a.m.

Clear, cool and damp. Sight airs from 6. No. frist two hour calm last two hours of watch. Come No Calm last two hours of watch. Come No Calm last two hours now at 3.05. Hand up manifeld at 30 lasts at each at watch ship under yet, for topment stayeach, toppened and forward Distilling with free branked under bother B. Apprentices at the while Sighted a steament standing to Fo and Ed. This rolling despets to long surel from No and Ed. W.B. Caperton.

UN - Lieutenant De. J. N. balm, fair and pleasant. The eteraguray. This rolling on long beary sure from the end 6th Built up forward at 5.25. At 7.30 set forward, enight refer mainsail and toppallant early at end of watch under plane early to toppallant early everyth a single refer in the mainsail and the spanker. Distilling with frew banked winder boiler B. apprenticion at the while

Orom 8 a. M. to Merid

Elean and pleasant balow to high airs from Phet. To stevageway feet two knews Aby 40 changed concer to Nol by Min M. Ab 9.20 chand up main topeased to secure year and toucher. Ab 9.45 set wysle and spanker and at 10.15 set flying jet. B. Gorman (Cor) reported term of entirtued signed Ab 9.30 meetered at quarter and drilled as fellow 9.45 to 10.45 quinted execuse at bottery and pender direction; 10.45 to 11.45 feet with sails and apar, econd with meetings is cleaning At clare by the worder or pool tech under all plane sail and for topeased tayeal, with as enight up to many and the topeased tayeal, with as enight up to many and the agreement of the sail with the sail and the topeased to the sail of the sail with the sail with the sail with the sail of the sail with the sail wit magaine 72: found, 90: aft. Dated magazine flood cide and found them all right. Distilling with banked free under loiler 16.

Ouno Merid to 4 P.M

Clear and pleasant. Light bery from Vt. A. Vt. to moderate brey from Olest. Ander all plain call to expels by the wind on the portain. The exact watch had instruction in each and exact from 115 to 215, gamery from 2.30 t 3.15 and talm lead and log from 3.30 to 4.00; the third watch had malinegate a amanchy salkaling and compare from 1.15 to 2.15, grunney from 2.30 to 3.15, and gymnastice from 3.30 to 4.00 Appentice at the while. Distilling not bruked from in brite 15.

Monteyonery H. Tenglor

Orom 4 to 8 4. m.

Roger Welles Jr. Elean and pleveaut at field, breming cool and damp during last two brace. First to light breeze from the by I to Check Brannette felling. At 5 10 timpereture of ever witer deryped 11° from 5 o'clock observation, force of wind dripped from 5 o'clock brief continued for a state of 5 30 present back, contently color, Let 36°54 A. Song 73°04 W. At 5 30 present back, contently a whater, Let 36°54 A. Song 73°04 W. At 5 30 present back, contently a whater the first principle of the o'clock work. alige from hading I by It 12 It to F. 12 It in 6 minutes took in and fulled topgellant each and enjets. at 7.30 two marted achoner Beltie of Perinton new presed under one stew and in answer to bail, rejected bring to ble . If it on brand and whalis ecane. At back bridge for topmas etaposis, jet, toposals foreact, engle net in manacial and expenses heading I. 12 %. Evene & 4 % 1/2 %. Expendices at which Dickling with brushed fries under biles B. M. J. Lo of eman

Oum 8 P.M. to Mid

Clear dany and cal. It of feels begge from It by I. and Cheel. Excres It by I. I emperature of weets ever 112 between 10 and 110 class. They fill end by a statund treet under same said as at end of general watch aggressive it Examined and found to be correct. whell . Distering with free brusted under biles B W. R. Caperton

> Luiterent 2 & N B. Me illon Navigator.

G of the UNITED STATES Ship ESSLX Making passage from Charleston, F.C. to Yorktown, Va

Thurd Rate,

			D. 11		WIND.				BAROMI				TURE.			lear ths.	See.
Hunr.	Knnfa.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Hool.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea. Sky, in 10ths.	State of the Se
. м.	55	4						,						0			
1	4	9	60 7	J. by 24:14 94.	Obest.	5	5-	1/2.	30.26	69	69	68	76	b. w.	none	10	19
2	4	7	65.4	9. by 9.1294		5-	5	1/2	30.24	70	70	68	76	ža.		10	1.
3	5	0	70.4	1		5	5	1/2	30.24	70	70	68	76			10	
4	5	0	73.4	-	,.	5-	7-10	1/2	30.24	70	70	68	74		1 -	10	
	5	0	78.4	9. by 2.		1	10	,	30.23		70	68	74	b.c. m.	cir strak	8	
0	5	6	840	9.6 7.1.9		5.6	3-10		30.23				74			8	
7	5	6	896	9. 2, 94 /2 94.			3-10		30.23						cum strak	6	
8	5			/		5.6	7		30.24							8	
8	03	9	93.0	1. 1/2 91.		5-6	1		30.22				71	b.c.		9	
9		3-	97.9		~	5-			30.24				,			7	ı
10	4	0	2.7	So by Ot.	*-										0	/	ı
11	4	4	7-1	A by 94.1+ 04.			6-10		30.26					••	Cer. eum	,	
oon.	5	7	12.8			4-5	5-10	14	30.24	74	18	/3	16	_	"	6	

115. 3 Dietaun and by Patent Log. Course and distance made good since preceding noon by observations, $\sqrt{179}$: 6. 55 knots. tenths. 36 0 14 . 1. " Latitude by D. R. 73 016 184. " Position at Noon: Latitude by D. R. Latitude by observations of © 36 035 . 1. " 72 029 18%. " Longitude by chronometer from Forenoon Observations of ② Position at 8 A. M. Latitude by D. V. from Arms Longitude by reservation 0 36017.1.11 72 0 24 1 96 . " Position at 8 P. M. Latitude by Observation (June) et 4.80 P. M. Longitude by 87 0 13 .1. " 72 0 20 . 9% " Current during the time, 45 knots tenths per hour, setting to the 561 6 Brior of the Compass by Azimnth O observed at 7.30 UM, ship's head S.ly W. 5 . 30 . 84 Deviation of the Compass by Azimnth O observed at 7.30 4. 78., ship's head 0 . 28 . %. variation used, 6 20 % Free of the Compass by Azimuth O observed at 4-30 PM, ship's head I by W. 7 54 . 94. " Deviation of the Compass by Azimuth ⊙ observed at # 30 9 7 , ship's head 1 38 . W. variation used, 6 . 52 . 94. 400 gallons. * Water expended during the preceding 24 hours, 978 Water distilled during the preceding 24 hours, 2578 Water remaining on hand fit for use at Noon, / tons 240 lbs Coal consumed during the preceding 24 hours, 120 - 2070 Coal remaining on hand at Noon,

		100		-				1								
P. M.			194				,	1						cir stut		
1	6	6	194	J 3/4 94.	Of est.	4-5 5-10	1/2	30.22	74	75	73	77	b.c.	cir. eum.	5	M
2	7	1	26 5.	44		4.5 5.10	1/2	30.20	75	75	73	76	-		7	
3	6	5	33.0		5	4-6- 5-10	1/2	30.18	75	75	73	75		4 -	8	
4	6	7	39.7	A /2 Ch.		4-5-5-10	1/2	30 18	75	75	73	74			8	
5	6	8	46.5	N by 04.	41	4.5-5-10	3/4	30.20	71	72	71	61		-	8	-
6	6	0	52.5	A by 04 1/2 94.	2. ly 8	4.5 5		30.20							8	
7	6	2	58.7	1.19.		4-5-5	3/4	30.20	63	65	65	58	b.c. z.	cir. etub	8	
8	5	1	63.8	J. 94.14 N.	9 91. by 94.	4 5		30.19								
9	4	0	67.1	1 04 by 84. 12 04	કેવા.	4 5	1	30.14	63	65	65	60	b.w.	none	10	
10	4	0	70.2	19. 2, 96 /4 96.		4 5	1	30.12	63	64	64	60		1 .	10	
11	4	0	73.5	4	**	5 5	/	30.12	62	64	64	59		**	10	
Mid.	4	5	77.4	1 %. by %.	**	6- 7	1	30.13	62	64	64	59			10	

Midnight to 4 a.M. First breeze from West, steady in from and direction. Blear and damp. Bright starlight. Throw row at 3.25. Phoduste are fine I'd dud Via. Blow hauled on starbard track under fit, for topmark strupact, sparker topmark from an engle refer maineal. At 4.00 found patent log fulled with ease word. Distilling with fine banked under bale 16. Appendix at the wheel.

Gen. R.Ce no Lieutenant M. J. W. Orm 4 to 8 a. On

Fair and mixty. Fiff to fresh been from Obert. Perduate era from Obert. At close by the winds on starband tacks, under jet, four togenach starpails, togenals conver with a single need in manuscil and against Bautid in grant by at 80 close and found it fulled. Tietelling with bautid free under botter B.

appendices at the wheel.

Montgowy Mr. Suppor-Our 8 a M. to Merid

mas. Energy W. F. M. bloody but pleasant. Moderate to stiff breeze from Otal. At 800 were adily and brought few by the word on the post tack. At 1100 act toppellant sall, man and migrer trimach stangarle. Muetical at quarter at q 30. Drom q 45 to 1030, instructed the appendicus in their stations for all each surfaction. Term 10.45-to 11.45 the acoust watch instruction in action and spring and the third watch in marlinguist enumerabile. acidimaking and conjuse. At such of watch by the wind on the fact such all plain sail to topy atlant sails for manual and muyew trymad staymals with a angle out in the manual apparatuse at the while Deathling of with banked free in boles B. Desuperature of magazine 732 forward, 712 aft.

Roger Wellis In.

"Cocycy U.S. N.

1th water sail and spleasant. Tiff brew from the Baroneter falling. But dille as follower. from 115 to 2.15, water sail and 3th water gravery: from 3.30 to 4.00, 3th water helm, back and leg: 1th water, grownsteen Ferral sail in sight at each of water, our of them a stream structuring to distillusion. The end of water winds will place be togget and all transact struggles and all transact struggles and all transact struggles are sight as and all transact struggles are unique sail as manuscript bearing 1:15 The At 12.30 changes concerts to the 1. Cappentice at which I intelling with backed from in brief 16.

n. I loo Eman Ensign V. J. W. June 4 to 8 P. 90

Elear, damp and cook . Hazy around horger . Goodwate to stiff breyer from thet backing to In by the Conver . A. Is & (pro) at 4. 40 passed number and colored with the Framer Tigure of Siriport England at 440 made International region 9. D. F. and Pigure arewed: at 4 45 made B. P. 3 and Signa answerd B. S. G. N. at 4.45 exchanged colors with the Februar Pattie of Connection Muse 4700 took in topgelland sails, and main and migus toponed stayails. At end of witch by the wind on fint tack under topsails, foreigh, single wifed manuail, jets, for topmark tayail and spanler. It grad distilling at 7,45, free banked under bile 18. Appentice at the what twent sails in eight. W. Haperton.

From 8 P. M. to Print Trentenant V. J. W. Products to stiff been from F.M. Blue, and will damy Bught starlight blow bruiled or good tack, under same sail as at end of generaling witch Lad weekle high what 1000 braining on starband quarter.

Drive banked under biles B. appointers at the wheel. Good Roean Examined and found to be correct. Luitement W. I W.

J. B. Me I to Navigator.

Third Rate,

LOG of the UNITED STATES Ship Essex Making passage from Charleston, S. E. to Yorktonn, Va

			Reading		WIND.				BAROME				URE.	State of	Forms of	Clear 10ths.	Sep
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Sarface.	the Weather, by symbols.	Clonds, by symbols.	Prop. of (8ky, in 10	State of the
А. М.	67	(-															
1		. 0	81.4	1 91.3/4 94.	991.	4-5	5	1/2	30.09	61	63	63	59	b.w.l.	none	10	14
2	3	9	85.3			4.5	5-	1/2	30.08	61	63	63	59	b.c. w.l.	cir. eum	8	1 .
3	3	4	88 7	194.	891. by 94.	4	5	1/2	30.08	61	63	63	59	**		7	
4	2	8	91.5	NO1.12 A.		4-3	4	1/2	30.08	61	62	62	59	*	cia eum	8	t.
5	2	2	937	N. St W.	9. ly F.	2	5	1/2	30.12	61	62	62	59	_ ^	wint.	2	L
6	2	0	95.7	A by 24:12 04.	Of set.	1	5	1/2	30.14	.61	62	62	59	b.c.m.	"	1	-
7	-	_	Heuled in		Calm	0	3	٥	30.15	62	62	62	60	**	Cir eum	3	
8	1	0	96.0	Chart	16.	1	3	0	30.16	62	62	61	60			5-	
9	0	5	96.5	94 i/4 g.	. 6.46.	2	3	0	30.16	64	62	61	60			5	8
10	1	5	96.9	14	**	2	3	0	30.18	64	63	62	60	в. з.	none.	10	
11	,	6	Healed in	**		2	3	0	30.18	64	64	62	60			10	1.
Noon.	٥	5				0.2	3	0	30.20	66	65-	63	61			10	1.

92. 1 Dietauce ruely Log.

Course and distance made good since preceding noon by observations, J. 142 9.

Latitude by D. R.

Position at Noon: Latitude by observations of ⊙ Longitude by D. R.

Longitude by chronometer from Forenoon Observations of O

Position at 8 A. M. Latitude by D. R. from Noone
Longitude by observation 0

Position at 8 P. M. { Latitude by Observation Limner, 4.30 P.M. Longitude by

Current during the time, 25 knots tenths per hour, setting to the 472 6 Beror of the Compass by Azimuth O observed at 30 a. M., ship's head (N. Sa. 3/4 W.

Deviation of the Compass by Azimuth @ observed at 730 a. . , ship's head Feror of the Compass by Azimuth O observed at 430 9 %, ship's head W. Ly S.

Deviation of the Compass by Azimuth ⊙ observed at #-36 9 % , ship's head

Water expended during the preceding 24 hours,

Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

73 knots. tenths.

37 0 39 1 1. " 73 0 22 . 94. "

37 047 . A. "

72 052 194. "

37 048 . 1. "

72 0 46 , 94 "

37 039 1 1. 11

73 0 22 : % "

6011.04.

2 . 51 . 94. variation used, 7 000 24.

6-16-94 "

3 - 16 . W. variation used, 6 . 40 . 4.

400 gallons.

422

2600

/ tons 80

119 " 1990

P. M																		
1		4	5	97.0	O4. by 8.	A by 6.	3	3	0	30.25	64	63	61	59	b.	none.	10	L.
				4.0			2.3	2	0	30.25	62	62	61	60		6-		
3		3	4	7.4			2.3	2	0	30.26	62	62	61	61			10	9.
4		3	5	9.7			2-3	2	0	30.25	62	62	61	60			10	
5		2	4	12.1			2.3	2	٥	30.26	63	63	61	60			10	
6		/	2	13.4	9.99.		2	0	0	30.26	62	62	60	60			10	**
7		/	0	14.2	OH. by 9.	Ġ. <i>№</i> §	1	0	0	30. 26	62	62	60	60			10	
8		1	5	15-1	"		1	0	0	30.26	62	62	60	60			10	4
9		1	0	16.4		East.	1-2	0	0	30.24	60	62	60	59	b.z. w.		10	
10		2	0	17.0		f. 9 E.	1-2	0		30.24							10	
11		٤	0	175	-4		1-2	0	0	30.24	59	61	59	59			10	
Mid	. ,	1	8	17 8		9. by &	1-2	0	0	30.24	59	61	59	59			10	
						0					ш		- '	-				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midwight to 4 a. m

Fair and my damp. Gentle to fresh breeze from IN and IN by N. Constant flaction of lightning to it N and No. Who close under jet for topmant etazzail, typicalle, concer and epentur, with a engle neef in the manual, by the unid in gent tack. Appendice at the wheel Backed free ender Polis B.

Moderney M. Lengthroll

From 4 to 8 a. M.

" " J Energy U.S. W. Cloudy and mity. Sight air and breyer from Wby I with calus, and light war from NE. Baronter rising. Abb. or hands in paties by and at 7. 20 put it may are wading 957, the ship craims up to be ensur Week. At 7.30 est topgallant only royale, flying jet, main and myzer topparate stayeals. At out of watch under all sail except main trying and a winger wife in the mainer of separater of the watch with the mainer of the sail of watch under all sails except main types and sails of the sail of the sa a steamer structuring to the Greatist spread what 5:00 Banker fire under bile B. Thicked met bilger with steam have

Tion 8 a. M. to Merid.

· Roger Welles Jr. Cozy and pleasant balow to high buey from 6. V16, till 1105 when moderate been appearing up from I by 6. Baronette riving al 9.30 meetied ceew at quarter and had the following diller From 9.45 to 11.30, 14 watch artillery and justile and pictole. From 10.45 to 11.30, 14 watch artillery and justile and 34 watch injustry. 34 watch, artillery and justile and 34 watch injustry and pictole and 34 watch injustry. We 8.30 took in appealant and at it again at 11.55 Eugeneest direction cleaned below light a light watch. Of each of watch under all segment and all topicus at the watch. to N. 14 F. and at 12 M. changed come to W. by I at 900 started distilling with backed frew under boler B. Temperature of magazines 72: forward, 70: aft J. Col Eman

From Merid. to 4 J. M

N. J. Co Energy U. S. W. Clear cot and pleasurt. Fight to gentle breyer from the by E. Come N by F. (pe) Sing will from 19. The apprentice were invested as follower: 3th period from 115 to 200, 1t witch had breidewords and with watch had breidewords and with what from 2.15 to 300, 1th witch had infantry and 2th witch had greatly on period from 2.15 to 300, 1th witch had infantry and 2th witch had greatly on period all hands had the what from the breits for distant seven. I ath or deep at the what final each and are stranged in eight during watch at the what f watch ship under all plain sail to expele and for, nain and muzin toquact stayarile overest a single reef in nameail. Distilling with five banked under biles 15. Out our getted legal 12.10, exeding 97.0 miles.

Dunu 4 to 8 P.M.

unc Lieutenant N. J. R. Eight to gettle been from It by 6 falling to light arise and string to 6.46 bleavand pleasant Bazz acrossly brough last how. Fronts ere. At 4 31 kbook colour to a white backetine evening no strin and standing to be and Web bet received no account of 6.30 raw off a spool to clear as very strangalant 6.96 the verse which gives to be the three market achimer " Stone and gui of banders I. J., chalked her Longitude, 73: 28 W, no her quarter . He accounted in same way with 37°41 it. and 73° 16° 4. Floods color and extraordy extremed evaporator at 800 and alburd fire to die out under brile B. Fort in the man and migger topmach etayonile at 5° 30 and the cryster and flying jet at 6.25°. At end of entil under four topmach etazgail and plane wil to typgellant sails everyt the openter and a single neg in the manusail. appendices at the wheel.

Oum 8 P. M. to Neid Bleav and pleasant bory around bory only draws high sive to light breeze from 96, I. J. E. and Ily E. At 8.15 changed course to N. F. W. yetur lay 10 4. At 90 inflet stranger to J. W. strading to J. E. At the under care end as in Examined and toned to be correct fluorous watch, on course N. J. W. Cappentices of the wheel.

Wholly our yet. All the wheel.

how Guegn De J. OK. J. B. Moilton Navigator.

Walaperton,

LOG of the UNITED STATES Thip Essex Philad Rate, Making passage from Charleston, T.b. to Yorktown, Va.

			Reading		WIND.				BAROME	TER.	TEM	ERAT	URE.	State of	Forms of	of Clear in 10ths.	o Sea.
Hour.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Balb.	Waterat Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of (State of the S
A. M.	24	2_											1				1
1	/	4	17.9	W. S. W.	9.96.	1-2	0	. 0	30.26	59	60	59	59	b.l.w.	none.	10	9
2	0	9	182			0.1	0	0	30.25	59	60	59	59		**	10	1
3	,	4	18 4			0-/	0	0	30.24	59	60	59	59	b.w.	**	10	1
4	1	5	18.4	.,	,,	0-1	0	0	30.25	59	60	59	58			10	١.
5	2	0	18.4		86.	1	0	0	30.26	58	60	58	58	b.c.m.w.	cir.	9	
6	3	0	20.7	**		2	3	0	30 27	59	60	58	58			9	
7	3	2	23 9	,,		2	3	0	30. 27	59	61	60	58	b.m.	none	10	
8	3	0	26.8	- Fr	9. h. 6.	2	3	0	30.27	59	61	60	58			10	٠.
9	1,	4	29.5	N. 9 96 2/4 94. Obsert.	th 8.	2	3	₹4	30.25	59	61	60	58	b.c. on .w.	cir.atrat	9	Į.
10	3	8	33.8	9. h. s.	F. F 94.	2.3	3	-/2	30.25	58	61	60	58		cir.	8	1 -
11	4	0	18./	04.19.12.94.	99.49.	3	3	1/2	30.25	2.8	61	60	58		-	8	Ι.
loon.	6	2	44.2	4 96 by 96.14 04.	9%	4	4	3/4	30.26	28	61	60	88	~	-	8	

62 4 Dietane	e run by Log.	
Course and distance	made good since preceding noon by observations, 975 t.	72 knots, tenths.
	Latitude by D. R.	37 020 · N. "
	Longitude by D. R.	74 007 .94. "
Position at Noon:	Latitude by observations of ②	37 029 . N. "
	Longitude by chronometer from Forenoon Observations of O	74 019 19 "
Desistan et 8 A M (1	Latitude by D.C. from Norm Longitude by observations 0	37 025 14. "
Position at 8 A. M.	Longitude by Observations O	73 0 59 . 94. "
Profition at 8 B M	iatitude by D. h. firm Norw iongitude by Chimumites from Afternal observations 3 P.M.	37 0 41 1 1. 11
Position at o F. M.	congitude by Chiminater from Afterior observations 30 9.	74050,06. "
Current during the t	ime, 9 knots tenths per hour, setting to the 985° W.	
Error of the Compass	s by Azimuth ⊙ observed at 7.30 Q.9%., ship's head	٥ ،
Deviation of the Com	npass by Azimuth @ observed at 7.30 a. %., ship's head & S. N. 3/4	94. 5036 . W. variation used, 6004 . W.
	s by Azimuth ⊙ observed at , ship's head	2 32 1 91. "
Deviation of the Com	npass by Azimuth O observed at , ship's head	variation used, 0
Water expended duri	ng the preceding 24 hours,	400 gallons.
Water distilled	during the preceding 24 hours,	400 "
Water remaining on	hand fit for use at Noou,	2600 "
Coal consumed durin	g the preceding 24 hours,	tons /5 20 lbs.
Coal remaining on ha	and at Noon,	119 " 470 "

-					-	7		-		1	1			1			DOM:
P. M.																	
1	6	2	50.5	Of 1 01	99. ly 9.	5	5	3/4	30.25	59	61	60	58	b.c. z	cir-cum.	4	9.
2	6	0	56.5	04 1 94 12 94	"	5	5-	3/4	30 25	60	62	61	58			9	
3	2	0	62.1	34 4 94 1294.		5.3	5-	3/4	30.25	61	62	61	2.8			9	
4	2	7	64.8			3	5	3/4	30.23	61	62	61	59	0.0.	wint.	0	
5	2	3	67.1	July A:12 N.	99. ly 94.	3.7	58	1/2	30.20	63	63	62	58	0.0.9.2.6.0	cum . mint .	0	٠,
-6	0	9	67.1	6. ly A.	9. by 2.	1-4	2							o.e.d. v.			
			74.0	96. by 9.	99. ly W.	2	2	1/2	30 19	63	63	62	67	b.c.d.w		1	.,
8	1	5-	751	9.126.	M. ly I	2	2	1/2	30.19	62	62	61	sy	b.e.w.		2	4
9	1	0	75.4	F. & W.	Of by A.	2	2	1/2	30, 15	60	60	59	57			4	
10	1	0	75.8	Ily W.	Wist.	0-1	0	1/2	30.15	60	60	59	57	**		5	
11	0	5	759	9 9.6.	901. by 21	0-1	, 0	1/2	30.15	60	60	59	57	,		7	
Mid	No	de	ugeway	. 698	9.994	0-1	0	0	30.16	60	60	59	57		-	7	
			0														

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 0. M. Mit, with very heavy dew, bught studisht ordered. Light and and buyer from I. F. E. Wester plain each to toggetlant saile, everyt spanker and a single ref in the manusal or concer I. F. D. appenden at which.

Gorger Weller Jr.

From 4 to 8 U.M

Roger Welles, Jr., Ensigh Dr. F. M. Misty heavy dew . Light sive to light brey from F.E. to F by E. W. 50 close art myselv and man and miggin topennet stayoned. At yo close are flying jet and spanker. At end of watch under all plane and to eyele levels enight us in municall) and all topennet stayade on course I by F. appentices at wheel.

Our & a. On to Okerid.

M. J. Colsman

bleavand damp with light hay around bruger . Wind light from I by E. warring to moderate breeze and vering to I.V. Course Q. F. M. (p. c). The convote. At 9.00 went to General Quarters and the decreine were reported ready in the following times: Engineeric durant ew 1 number 30 seconds: Naugetrie direin in 2 minuter 20 seconds: Goodes direin, in 2 minuter 30 seconds: Efter Poster direin in 2 minuter 40 escendo : 3 th devicion in 3 inventes, 20 escende: 1 th division in 3 minutes, 30 escendo , and 3 th division, in 5 minutes, 50 escendo At 10.45 week to Gree Quarters. Durber therein wordy and raintle 25 executer Engains charain in Irminets, 45 executer, Navigator's devicem and mounts. 55 executer, 54 levens are a remarks: 54 charism in 4 manuta 35 executer, 14 devicem in a mainter, 40 executer, Al 11.20 exchanged colors with the Admiss Pary & Half. bound to the Not. and Es. Al end of watch ship by the would on year tack under all plane earl to royals and for main and suggest tymned etayorale everyt a engle ref in manual appention of the what Fights steamer etanding to the Inthused. Designation of magazine proforward 70° aft.

From Merid to 4 9 m

Fifthery from I'll by 5. until 2.30 when it evidently fell light creect to Heet and then gradually landed upon it I'd by 5. Elean and drang, with huge as much beign until less book, then occased. Turnel see. During 3th genete, 115 to 20, the Taymestee interested all appendix in mouth of hugens accounts. It period, 2.15 to 30, the Turgers nectioned all appendix in in write of aid to the wronded of grand 315 to 4.00, weresid all hands at enjoy typicals took there enjoys explicit by pressing the ref account each time There about not the weight and made all plane and to explicit to create the pression of 1.35 landed down the forms girl it would not be used for many and major typical strappacle and all plane and to create arrived a entire to create a single everythe entire to the manusch. English according weether and restrance. At 100 and at 400 got armidizing with the manusch to create a fatheries, gray and, the example of fathering and back plane and the pring according the fatheries, gray and, the example, the example, the example, to liquid 1750. He flow was them or reduced on the communication of Band By old of Communicating Officer Clarke Pollula Scall and many was example to the strate of the strat was gives are acting apprehiment to date from same time. apprehime at the wheel.

Chem + to 8 a.m

R. Deutement Ou. J. H.

Oricael Light air to fresh breze fine I'll by the M. by I and I by W. at 4 40 took in snyale, topy allant early flying git and apauleer at is a struct by is aquall from I'll and took in manisail, wind backed to Inthe and blew very feels. at 6:10 land were rejected to 96 D. and at 5.15 wow ship, etting manisail and eparter while going would. are even as on starbard tack Anth what topsails and fulled manusil and yester. A small of extensed in eight during watch. Whele or startout tack under jet, for topment stayual month reglet topeable code forest! Thy cleaning commodul and wind handing to Hel. At 5.15 torts each getting 17 fetherms, gray and at 8 o close get 22 fetherns, gray and apprentices at the wheel Best both bour chairs.

relieb. I pringeroll

Jum 8 Pm to mid

Greign N. F. N. Cloudy enth heavy dew. Tight begu from H. by N. wanying to light according F. I H and calmor Rudow jet, fore typement strayand, doubts with Examined and found to be correct true and foresit, by the wind in starback tack . Who so counded in 25 fethers and it 12.00 in 22 fethers, bottom

light gray and black greeks and broken shell. aggrentices at wheel. at 12 00 hanted in patent log reading 75 9.

Roger Chelles Je. Every N. J. N.

Leiten Milton

OG of the United States I hip Essex Third Rate, Making passage from Charleston, S.C. to Yorktown, Va.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of		lear the.	See
Honr.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	33	7															
1	0	5	Harled in	1. %.	6.86.	01	3	٥	30.15	59	60	59	57	b.c.m.	cum.		9
2	-	-	~	No steerageway	balm.	0	3	٥	30./5	59	59	59	5.7	*	"	3	1
3	-	+		. 0	**	0	3	0	30.15	59	59	58	57	*	7	5	
4	-	-				0	3	0	30.15	59	59	58	57	31	"	7	4
5	-	_		,,		0	2	0	30.15	59	60	58	57	*	Cir.cum.	3	1.
6	1	0		94.494.	£94.	0-1	2	0	30 15	59	60	5.9	57	,,	- "	1	, .
7	0	6	-	96.	*	0-/	2	0	30.16	60	60	59	57	bem.	-	1	1.
8	2	0		\$63/48		1-2	3	1/2	30.16	60	60	59	57	,,		0	
9	1	4		96. ly 9.	**	0.1	2	1/2	30.19	62	61	60	58	be.	eir.	6	ŀ
10	0	4		99 2, 01.	Variable	0-1	0	0	30.21	63	62	61	2.8			6	1
11	0	0		No sterageway	balm	0	0	0	30.22	63	62	61	58	**		. 7	1
Noon.	0	0		991. by 2.	East.	1	0	0	30.23	64	63	62	60			6	

39. 7 Dietaur run by org. Course and distance made good since preceding noon by observations, \$89.494. 28 knots. 37 0 35 . 1. " (Latitude by D. R. Position at Noon: Longitude by D. R. 74 0 48,94. " 37 030 , 1. " Latitude by observations of @ 74 049, 24. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. G. from Norw 37 033 1.1. " 74049,24." Position at 8 P. M. Latitude by Drewature (Lunner) 4-36 P. M. 37 024 , N. " 75 021 , 94. " tenths per hour, setting to the Louth Current during the time, 5 knots Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head variation used. Deviation of the Compass by Azimuth @ observed at , ship's head 450 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 2150 Water remaining on hand fit for use at Noon, tons 400 lbs. Coal consumed during the preceding 24 hours, 119 " 70 " Coal remaining on hand at Noon,

									1						1		
P. M.	1	0	Hoarled in	9 9 9 9.	€. ₹. €.	2	0	D	30.18	65	64	63	60	b.c.m.	Cer. eum.	5	8
					9.96.	2	0	0	30.18	65	64	63	60		١.,	5	
3	2	0	w	te .	9. ly 6.	2	0	0	30.16	62	63	62	60	4		5	
4	1	3	75.9	24. by of.	Inch												
			83.2	a /2 9.		3.4	7	1/2	30./2	63	63	62	61	4	strak.	6	
6	6	7	90.1	Otest	9. ly 91.	5	y	1/2	30 /2	63	63	62	61			7	40
				"		5	7	1/2	30.10	63	63	62	60		9.	5	-
8	2	6	100.4	98. ly 6.	9.9%.		3	1/2	30.10	63	60	61	60		-	5	1.
			1.9	/		4	3	2	30.08	62	62	61	60	b.c. m.l.g.	cum. mist.	2	**
			3.8	96.16.	8.94	5.6	4	2	30.07	62	62	61	60	0.0 1.9.		0	que.
			6.1	\$6.46.		5.6	4	2	30.05	62	62	61	60	D. C. m. Lug.		0	
			8.4	96. 1/2 6.		5.6		2	30.04	62	62	61	60		-	0	~

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a mi

Cloudy and miety. Starlight overhead. Balow to light airs from & 96. Baromete steady. I who the following anudeups; at a Eclerk 26 fathomer, gry aand black expects and broken shells. At side of watch under job for topmach struggal foreail and down abilis. At and of watch under job for topmach struggal foreail and downs unjust topeails heading & by 8. having bot atwargury. Come & 4. Appendices at which I st on aping depth curder w snowling n. J. Corman

From & to 8 a. m

rsc Europe U.S.W. Cloudy damp and hazy around horizon. Calm and light airs from 94. Corner 9 % (p.c.) The eteragency first home. at 6 in M. was chip and abook refe out of topsalle and est topsallent each. Ferral sail in eight. Got each of lead in 18% fatheres water at 60 class, bottom grey sand with black speechs raid at 80 class in 26% fatheres bottom brown sand with broken shill. We end of watch ship by the wind on starband tack under all plain sail to typellant earle and for top mast stayout everyt no very in manifeld and the sponter. Opprenticed at the wheel. The amount XVX aperton

From 8 a. M. to Deira

Lieutenant V. F. W. Sight variable are much calmer. Pair and plasant Involt sea. At 50 changed course to FM by 4. Experte flying get, main and negget trumment stayeals manical and expender at 5.55. Nove also leterics 1100 and 1115 and two in man and major trumment stayeals, manical and expender at 655. Nove also leterics 1100 and 1115 and two in man and major trumment stayeals and expender at well of watch or crew FM by 4. under fore topmost stayeal and plane sail to regale exact manical and expender. Tapted which and exclusive the forest flower transfer with the British Steemer Panet Pure of Percent bound both, and will but at later to make and an amenican teamer bound both. We come of a cash of the "and with Thomas Faunding Machine in 33 fethines, gray early black aspects and broken shell. Appendix at the while Impereted Expensives bago. Temperature of magazine 73° forward, 71° aft. Geo

Leutenant W. I. M. view Merical. to 40.7M.

Ber Cludy and hazy. Eight to grathe bury from 5. F. chifting standily to First Qt 12.30 changed more to 18. 94. At 1.15 act man and mayor topmach etazyalle and man topmile and at 3.30 act expander. A number of earling viewle in significant during watch. At elme by the winds on part tack under all and ab 3.30 act expander. At 3.30 year over partial bag June Merid. to + J. M reading 75.9. Hodgment to Laylor

Que 4 to 8 P.M.

Gunga W. J. M. Cloudy and micky Nordwate to stiff been varying from Inth to IIN. This under all early origin fillying jet himled down at 5 40, by the wind in fight treet until 718, when eather all hands, were ship, two in toppellant early each vegel, main and muyer topmand etupails and mich true to the two enight in the true ship by the winds on the starband treels. I make at a so in is fathous bottom light gay and black species: at 6.30 we 13/2 fathous bottom consuspensel, and at 700 w 13 fothers light gray cand. appendice at the wheel a member of calling vielle and etranew in eight during weath Roger Welles fr.

Oum 8 P. M. to Bud. Orocaed and aqually lighting around the larger Productive freel breez from ITU. to 92. Barmeter felling. A 10.15 tooks in maintail and apparen at end of watch under fit, for togenet stayant, foreail and and with stiful togenete heading 96 12 6 with below hard down. Apprentice at the wheel. Producte sea from 8.94 n. J. boleman

Gusign U. & W.

Examined and found to be correct.

J. B. M. Ston . Navigator. Lecuten and M. S. M.

Third Rate,

OG of the United States Phys Essex Making passage from Charlestow, F.C. to Yorktown, Va.

		1			WIND.				BAROMI	ETER	TEMI	PERAT	URE.			7 4	1
Hour.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the
А. М.	39	u-															
1	2	6	11.0	8.6.126.	FU.	5-6	4	2	30.03	62	62	61	60	0.c.g.p.l.	mil.	0	M
2	1	2	12.2	98. 4, 6.	9.99.	5.3	2		30.04						cum rout		
3	/	0	12.9	96. 6. 8/46.	n	3.4	2	2	30.02	62	62	61	60	0.0.9.6.	.,	0	
4	1	0	13.5	€.9€.		3.4	2	2	30.02	62	62	61	60	b.c.q.	Cir cum	2	
5	1	6	15.2	96.6.6.3/46.		3.4	2	2	30.02	61	61	60	59	b.c.m.w.	meril.	2	
6	1	3	16.5	98:12 9.	92 h, 04.	3	2	2	30.05	61	60	60	58	l.0,00		2	-
7	3	0 .	19.1	96.3/4 9.	£94.	3	3	1	30.08	60	60	59	56	**		1	
8	3	7.	22.8	96.126.	9.9%.	3	3	1	30.05	59	59	57	56			1	
9	4	0	28.8	04.104:404.	99 4 f.	3-4	3	1/2	30.05	60	60	59	56			1	
10	6	0	34.8		. 1	4	4	1/2	30.05	62	61	60	59			,	4.
11	4	7	39.5	Oh:14 F.	9. by 04.	4	5	./2	30.05	62	62	61	59	b.o.m. p		2	
Noon.		5	44.0		1	4	5							b.c.m.	-	2	

74. 1 Distance run by fog Course and distance made good since preceding noon by observations, \$50.2 % 20 knots. Latitude by D. R. 37 019 'Ar. " 75 0 18 19. " Longitude by D. R. Position at Noon: Latitude by observations of O 37 0 17 M. " Longitude by chronometer from Forenoon Observations of O 75 007 94. Latitude by D. R. from Noon 37019 1. " 7404412. " Position at 8 P. M. {Latitude by D. R. from 4 P. N. } 49. M. prestient fixed by Longitude by I beauting of the following statement carrent during the time, 8 knots tenths per hour, setting to the East. 3701411." 75014.04. " Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth @ observed at variation used. Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head 4.00 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1750 tons 400 lbs Coal consumed during the preceding 24 hours, 118 " 1910 Coal remaining on hand at Noon,

P. M.								1 1								
1	5	5	49.5	04.3/4 9.	Final	4	6	1/2 30.05	63	64	63	60	b.c. w.	Civ. cur.	4	gl
2			54.2	Steet.	9. by 24.	4	7	1/2 30.04	64	65	63	60	0.c.m	eum mint	0	
			60.2	94 3/4 1.	9. 9 W.	4	7	1/2 30.02	65	65	63	61	6.	,	0	64
4	5	8	65.5	94:12 Nr.	4+	4	7	1/2 30.00	65	65	63	61		ein-	0	
5	8	5	69.0	96. by 6.126	9. by 94.	4	7	1/2 29.95								
6	4	7	73.7	E. 46.	9. 9. W.	4	7	1/2 29.87	65	65	63	61		14	7	on
			77.7		"	4-5-	7	1/2 29 80								
8	4	1	818					1 29.89							10	
9	3	5	86.1	PI		5.6									9	S.
10	3	3	89.3	ds 0		5.6	7	1 . 1							9	
11	1	8	92. / 93. 9 98. 9	86. ly 6. 1/4 6		5.6	7								9	41
Mid.	0	9	93.9	4.12.N.		5-6		11/2 29.89							9	

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a M.

Chady their and westled weather. Every raw equall with lightning find how. notwating to author their we light agualle from the moderating to guite breeze in light agualle and various to the Conce to by the year the world on tracking to the weather the world to the west to weath the what we tracking to the west and from the way and the what we want to what we tracking to the west was the whole what the waste when the waste waste we want to we want W. Klaperton.

Oum 4 to 8 2. 92

Teentwark 21.3.9. at 8 00 took a counting in 89/2 fothers, down gray and apprentice at the what.

Own 8 W. M. to Wered

The Lieutenzul V. J. V. Cloudy and damp Light epite of rain Graning towards close. Gentle to moderate breeze from 30 by 3 and 3 by & Fighted two stermers during writely standing to 3d and Wid. Of 3 30 mustered at quarter and afternate perhibited order read actules for the Government of the Pair and had general mustic the following general being absent. E. indexes J. S. Brance, E. E. Clark, & Fell. E. I Elicane, & Errope & B. Prom and F. Bray Copyre 3th Char.) It 8:10 some above and toke in cryster and agreemen at 10 48 as a expension. It of we under for transactional and plane sail to top allowed and surgest and may be the manual appreciation of the transaction of the manual and appreciation of the state of the surgest and appreciation of the state of the surgest and and appreciation of the state of the surgest and and applied to the surgest and applied to the surgest and a surgest and the surgest and a surgest and the surgest and a surgest as a surgest as a surgest and wheel . at 11. o'clock tooks anindings, 21 fathour, grey cand and abille appendice at the wheel Demperature of magazine 73º forward y12 aft. Houldonery M. Land

From Merid to 4 P.M.

Occased and mity. Product oney from Earth to \$.30 Becometer falling. Under all years and to toppellant calls, by the wind in the first tack. At 115 set and at 3.50 hould down main and miggin topment stayante at 3.55 attempted to tack ahip, failed, then was chip and bright her by the usual on the stainant tack and leading 6.36. At 3.00 eighted land turn privite in les love, making it not as top Jaland. At 400 top Jaland right look (ge) It 10 exceeded in while fathmen bottom gray sand, back apache, at 3.30 in 11 fathmen broken chille and 400 um 10 fathmen from gay cand. Agreenties at the whall. A member of colorers in eight during watch.

Dum 4 to 8 P.M.

Ologer Welles, Jr. Cloudy and mixty. Forderate to feel breeze from F. F. B. Baconta variable at 60 clock took in toppelland saids and drille right topicie. We end of watch under git, for topmast stayears, forward single cuffer marrial expander and doubt refer topicals, reading 6. F. with helm down appendix at which Moderate are from F. D.

From & P.M. to mid

Blear, dang, col and planant. Lightning to the N. Fif to fresh breeze from I IN bonce (A. IN (po) at 8 30 tok in maurical and epider. Long curll from It and Not. At 18 30 wore ship. At end of water world under double negled tograph foresail, fit and for togenest stayeall on part tack. Get announce 411 55 in 24 fathous water, bottom gory cand with back appeals. appointness at the wheel.

W.B. aperton Quitenant R. J. W.

Coleman

Examined and found to be correct.

J. B. Meilton Societar. Leutenews W. & M.

Making passage from Clarlestow, F.C. to Yorktown, Va

Third Rate,

A. M. 50 3bc.l.w. cum. Ch: 14 No 1/2 29.92 61 61 60 59 99.9 7 6 C+ & 4 0 3 6 3.5 7 11/2 29.94 62 61 60 59 6.6 11/2 29.94.63 61 60 59 11/2 29.95-63 61 60 59 bc.w. 9.9 6 192.16 5- 11/2 29.95-62.62 61 59 13 6 1/2 29.96 62 62 61 59 6.7 5 0 17.6 99. ly 9. 94 A 94 /2 94 6-7 6 11/2 29.96 63 63 62 59 b.c.m. 22.1 04.494. 11/2 30.01 61 62 61 57 25.4 996 28.0 2 30.06 62 62 61 57 8 3 30.08 64 62 60 58 10 % 7 28.7 3 30.09 64 62 60 58 10 .. 0 5 28.8 5 28.8 994. 4 30.02 65 63 61 58 b.e.m. cir.cum. 9 Noon. 0

84. 5 Distaure new by Patent Lag Course and distance made good since preceding noon by observations, J 36294 16 knots. 37 ° 23 'A. " Latitude by D. R. 75 0 37 94 " Longitude by D. R. Position at Noon: 37 0 30 · A. Latitude by observations of O 75 0 24 04. Longitude by chronometer from Forenoon Observations of O Latitude by D R. fund None 37 031 11. " Longitude by observativi O 750,20 194. " Position at 8 P. M. { Latitude by Beaungo of Hog Island Light, and Longitude by Cayur Charles Light 3702311. " 75027 04. " Current during the time, /5- knots tenths per hour, setting to the 166 6. Error of the Compass by Azimnth O observed at , ship's head , ship's head Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimnth O observed at , ship's head variation used, Water expended during the preceding 24 hours, 350 gallons during the preceding 24 hours, 1400 Water remaining on hand fit for use at Noon, tons 400 Coal consumed during the preceding 24 hours, lbs Coal remaining on hand at Noon, 118 " 1510

P. M.	2	5-	30.3	g. g.	Fa. 4, a.	3	5	3/4 30	1.02	66	66	68	5.9	b.c.m.	eir.eum.	9	9
2	. 3	7	34.0	9.96 /26.	,,	3	5	1/2 30	.02	66	67	64	61	"		9	4,
3	2	0	35.0	96. by 9.	994.	3.2	5-	1/2 30.	.02	66	67	64	61			8	1.
4	2	7	36.0	8. 416. St. ly si.	9.9%.	2	3	1/2 30	.٥ ك	66	64	64	61			8	
5	4	5	43.2	Oh. 12 N.	Fly O.	3	5	3/4 30	02	66	67	65	62		~	8	
6	4	6	47.8	01.14 f.	0	3	5	3/430.	02	66	67	65-	62			6	8.0
7	2	7	50.5 51.7 57.7 57.7	9.9.9.0/404.	9 ly E.	2.3	2	8/430.	.03	66	66	64	62			8	-9
8	0	3	31.7			2	0	1/2 30.	04	65	65	63	61	4			4 4
9	0	4	52.1	9.01. by 9.		2.3	0	0 30	.03	65	65	63	61		- 1	9	
			57.4	٠. ا		2-3	0	0 30.	03	62	62	61	60	b.cm.w.	our wint.	9	-
			63.8	,,		2.3	0	0 30.	.02	62	62	61	60)		6	
Mid.	5	8	69.6	F. 904_		2.3	٥	0 30	.01	62	62	61	60			7	

" Guega U J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a.m.

Erech breen from I by & Fair and damp. Bright startight. Lightning to Not and Old . Choppy sea. Cloud banked on food tack, under jet, for to made stayeal, forcall and double nefed topsails. Injected a stamen standing to the I'd and Old at 3.30. appendice at the when

From 4 to 8 a.m.

Fair and damp. Prist, around boryon. Fresh beeyer from F. IN. and F It by I. Wit 4 30 set manual, at 6.50 bauled down jet. Fighted a sail to NN. standing to Nd. At 4 30 took coundings. getting 18 fathone five gray and at 5.00 get 17/2 fathone, five gray cand rand at 7.30 get 14/2 fethoms. Five gray and at A close by the winds on fact track under five topmach staysail, double neefed topsails and file gray sand. At the of me una granite. appendice at the which.

Mortgoney W. Taylor

. Geo. R.O.

Our 8 a. On. to Merid.

Com 9. 45 to 10. 45 dilled at refrig toqually taking eight neefs carrings bring passed by apprehence From 10. 45 to 11. 45 to 45 dilled at respiration in sale and special and the Ternil North new marking problems examinely sailurating and compress of 30 wors and and be the world watch are no seek apartees. Everal attendices and the compress of 30 wors are and and be the world on the starband track. At 10 00 seek apartees current attendices passed, during unted apprentices at while Inuded at 1200 in 14 % fathomewater at 9.15 the & I. I. I ecuric was righted standing up the crast sechanged munhow with her and made agrad lang body No. 2643 which was answered by & ecunic with Nors 83. Charges atwe of magazine 70° forward, 68° aft. Roger Welles Jr.

There of the 4 9.90

Occor Meridi to 4990.

Shew and pleasant I sent to tight beyn from 88 to 484 Bacroniter steady. At 12 to made all plains cail to engel to 12,10 Conservant. I sent to regard under them of this chip by hailing her requested her to report we in Grofild. At 3.35 were shop from brading 6.96 and came to re fort tack heading M. by b., patenting sading 36.

At 12.35 changed cours to 48 by 9. Fernal said in eight descend worth. Appendicus at the indul. At end of water under all plain each to regard brading M. by b. Cover 9% by 9. Good 15 to 2.15 the 2 through what we instructed in each case of speece and the state when it is a subject to any experiment with matching and compact from 2.30 to 3.30, 24 and 3.4 matches, had aiming diels: from 3.36 is 100 man. 2 nd water below lead and log: 5 d water gymnastics.

Orem 4 to 8 P.M.

Shar, cook and damp. Bught tarlight and morelight. Heath to light begue from F. by H. briling to F. by 6. At 4.15 horital and started free ends started free under briles of 6 celests took in high being and while the first of 6 and 9.

At 6 celests took in high bails will and highest their Ph. S. and S. At 6 celests took in high bails and highest their Ph. S. and 9. at 6 o'clock trok in light early and fulled them at 6.30 took in and fulled the forward and hanted drive and stand for typeward staypail at 7.30 hove to with main typical above and engled the projectly. at 7.40 eighted to 7

Light to gentle breeze from Fly 6. Oain cool and dangs, Bright starly the Fourth see At 8-50 week sheed with the engine exting concer I Wely I gen Bundand But one petant leg at same time reading 51.7. Interior ream togened at 8.55 and if and expense at 920. At 94. Hog Idand Light wee about (1 % by 4) and beyn bland Light brief p. 194. by 8. h. 18. chipi head. It by I, patent by 50 2. At 10 25 they Island Light brief by the upoteur big fa. g. ders viry James Egst at 1100 kaning v. h. V. let 11 or eighted beza blader Dipterbig, barreig right shird. Ar by G. A same time changed once by worker of bommanding Officiar, to ISN, par Chandrad, patest by 6.18. Eghted served etemper and me actioner during worted. At our of watel unda attenue alone, on concer I. IN. At 12.00. Capus blacker Light bow (p.s.) Oh. h. S., and the light This, IN. by Oh. by H. h. H. I dight beset I. IN. Corney. steam 53 lbs., revolutione 39.

Geo. R. Ceally, " Lieutemant Co & 7"

Examined and found to be correct

LOG of the UNITED STATES Phijo Essex Phid Rate, Making passage from Charleston, Slo to, and at auchor in the York River of York trum Pra.

	16		9 0)	,									000			
			Reading		WIND.				BAROME	STER	TEME	ERAT	URE.	State of	Forms of	Slear ithe.	o See.
Hour.	Knots.	Tenths.	Palent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M.	46																
1	3	1	70.8	F. FU.	F94.	3	٥	0	30.01	62	64	62	58	b.c.m.	cum. sensit	7	8
2	6	4	82.2			3	0	0	30.01	62	64	62	59			7	
3	1 3	7,9	88.8	West No.		3	0.	٥	30.01	64	64	63	59		,,	7	
4	6	8	95.6	Various Graces.		3	0	0	30.01	64	64	63	60		"	7	
5	652	1	1. 8	4 94. by 4.	*	3	0	0	30.01	66	65				Cit. cuson	5-	
6	7	4	10.2	you 'ilino		3	0	0	30.03				64			4	
7	2	8	13.0	Varins bruses.	**	3	0	0	30.07	69	67	65	63			6	"
8	-	-	-	1	**	3	0	0	30.06			66	63	b.c.	1	8	"
9.48	5	0	-	Thejes head	"	3			30.06	73	72	67	64	"	*	8	
10	and	lond	off york	trus 9.12 94.		2-3			30.05	74	74	68	64	**		8	
11				J. J.G.	Q1. FQ1.	2.3			30.05	79	76	69	65	- "	cir.	7	
Noon.				ને નેજ		2.3			30.05	79	78	70	65	**		7	
									1								

92. 5 Dietaus	e aum by Log.								
	e made good since preceding noon by	observations,		knots.		tenths			
	Latitude by D. R.			0	-	"			
B 111 . N	Longitude by D. R.			0	,	"			
Position at Noon:	Latitude by observations of ①			0	-	"			
	Longitude by chronometer from Fo	renoon Observations of O		0	- /	"			
	(Latitude by			0	-	#1			
Position at 8 A. M.	Longitude by			0	,	"			
				0	,	"			
Position at 8 P. M.	Longitude by			o	- /	#			
Current during the	time, knots tenths pe	r hour, setting to the							
Error of the Comp	ass by Azimuth O observed at	, ship's head		0	1				
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		0	,	V.	ariation used,	0	
Error of the Comp	ass by Azimuth O observed at	, ship's head		0	- 1	"			
Deviation of the C	ompass by Azimuth O observed at	, ship's head		0		v	ariation used,	0	•
Water expended du	aring the preceding 24 hours,			40	0	gallons.			
Water .	during the preceding	24 hours,							
Water remaining o	n hand fit for use at Noon,			10	00	"			
Coal consumed dur	ing the preceding 24 hours,		- 7	tons /	22	O lbs.			
Coal remaining on	hand at Noon,			tons /	290	**			

Р. М.													
1	Jida	464	neut	Check	04.904	2.3	30.00-	80	78	72	b.o.	cir.cum.	7
2				Q1 194.	4,	2.3	30,02 8	80	78	72		1.	7
3					٠,	2.3	30.01	80	78	72			6
4						2-3	29.98	82	80	74	1.		2
5	/	0	Ebb.	NO1. by 04.	18.	2.3	29.98	78	79	74	b-c.p	cur ount	3
6	1	2	-	. "		2	29.98	79	79	75	b.c.	etres.	5
7	0	6			Otest.	1-2	29.99	7.9	78	73			6
8	0	4		J. Jr6.		3	29.99	78	78	73	,	1.0	7
9	0	2,	Glord	₽E.		3	30.01	76	76	73	b.c.l.	cum. misib	7
10	0	6				3	30.02	76	76	73			8
11	٥	8	-			3	30.03 7	76	76	73			8
Mid.	0	,6				2	30.03						7
-													-

, U. S. Navy,

, 1894.

Koger Weller Jr.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midnight to 4 a. m

Dair and dang. Leuth breen from F. at 12. 30 Cap Charles Cight ship braining A H. by H. changed correct to F. by W. at 12.42 eighted Cape Frank Thomas & H. W. and changed correct to H. F. at 2.32 Cape Charles bon A H. W. and changed correct to H. F. and et 3.50 to M. N. M. having your begurberry light white . at 2.00 lot begur b harler Light ship . Under etam alow, arrange revolutioner 43, etam greener of the.

Dum 4 to 8 a. M

Eurign W. F. N. Elvidy but gleasant. Gentle beeze from FN. Bavoneter vising. A legiuning of watch begu Koney Light bre astern III This straing it 444 up therepush Boy. At 4.45 clauged once to 48 by it, heading for John River Light brees which was eighted about 5 10. At 6 15 counted black bury 40.5 to pass between their bury and york blieve Light Lower heading 4 % by 4 1/6 %, when at 6.20 the ship trubed bottom my lightly; rang on bell, then two and backed the ship full epoch action her head young off to 9.5%, but the etem cemand agrand. Itizzed the engine bound the seems cutter and carried out a hedge auchor as a queer ways from the first bow right about store in on the queer ways, howard head saile and wont ahead full exceed on enginee when the ship at 7.18 wind off into deep water to the Exeterate of broughts . Invest the whatebook the Assignite taking charge and found deep water already and is the part ends and relieve. From the head on brand elig the least water Atamid was 15 fat, the chip trucking letter only in one apol who the keel just a lift the engine. Here up hedge weeker, horated brote and started up you have, the Commanding Officer coming alig at 7.00. The Commanding Officer and Naugater since both in the budge when the alig tracked Resolutions 44. Fteam pressure 60 lbs.

Eurige U. G. N. Orm 8 a. On to merid frier under lines a demperature of magazine 74° forward, 72° aft.

Ne S. Coleman Qu. S. M. Merid. to 4 4. M Elean to cloudy and warm. Light to grathe beezes from 94 94. Riding to the elt tide Tietling with five banked under boiler of. 1. Klaperton

From 4 to 8 9 90

Eight air to gutle breez from N.E. and Nech. Party cloudy and warm Rain choworfwith bom. Ell tide until 7 30 when logan to every to flow . Hent to quarter at 600 and every oil clear homeonic Exchanged salute with the metward brend stranged callegacy. Distilling with free banked under bother a. the German (box) was their day diveloped from the chant Terior, by reason of expurition of term of entretinents

The Levilenant a. S. Dr. From 8 F.M. to Mid Oair and pleasant. Eight to gettle buy from Obert Lightwing to No. Gering to flore at 80 clock.

Examined and found to be correct. Takilling with five banked under bother of Meritymory in European & Examined.

J. B. Mo illim.

Navigator.

LOG of the UNITED STATES Thip Esux A auchor in the York Aur off Yorktown, Va

Third Rate,

			Reading		WIND.				BAROME	TER.	темн	PERAT	URE.			Clear 10ths.	Sea.
Hour.	Knots.	Tenths.	Reading of Patent Log.	Ships head	Direction by Standard Compass.	Force.	Hoel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A. M.	Die	bal	Current														
1	0	2	Ebb.	Ox. 1 24.	Ofest	2			30.04	74	74	71		b.c.b.w.	cum muit	. 8	
2	1	0	-	N W.	184.	2.3			30.05	74	74	71				e	
3	1	2	-	"	I orth	3			30.06	72	72	69		**	cum etist.	8	
4	1	0				3			30.09					.~		9	
5	1	2			It by 6.	3			30.15					b. c.	cir etat	7	
6	1	1	~	NOH by OU.	-	13			30.16					4	Cir. euro		
7	0	6	^	NOH.	,.	3			30.17							5	
8	0	2	^	So by Ot	**	3			30.21		-					7	
9	91	lack	,	1. 46.	1 16	3			30.25						strat.	7	
10	0	2	Blood	6.16.	N6.	3			30.25	71	70	61				7	
11	0	5		6. by Jr.	6. by 1	3			30.25	71	71	63		~		9	
Noon.	0	6	-	હ. જે હ.	6.96.	3			30.25	71	71	63				9	
	-						_		-		1	_	-		-		-

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0	, ,,
	Longitude by D. R.	0	, ,,
Position at Noon:	Latitude by observations of ②	0	, ,,
	Longitude by chronometer from Forenoon Observations of	o •	, ,,
	(Latitude by	0	, , ,
Position at 8 A. M.	Longitude by	0	, ,,
D 111	(Latitude by	0	, ,,
Position at 8 P. M.	Longitude by	o	, u
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth @ observed at , ship's head	0	-5
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0	variation used,
Error of the Compa	ass by Azimuth @ observed at , ship's head	0	"
Deviation of the Co	ompass by Azimnth @ observed at , ship's head	o e	variation used, o
Water expended du	ring the preceding 24 honrs,	4 50	gallons.
Water distil	led during the preceding 24 hours,	950	
Water remaining or	hand fit for use at Noon,	14 60	
Coal consumed dur	ng the preceding 24 hours,	/ tons /5	20 lbs.
Coal remaining on	hand at Noon,	/ tons /5	0 "
		,0, ,0,	

Р. М.					1								
1	0 4	Blood	6. FE.	6.96.	3		30.26	70	70	62	b.e.	cir.cum.	9
2	0 /		6. ly 9.	6. by 9.	3		30.26	71	71	62		1 -	9
	Luring		ભ માલા.	6.46.	3		30.26	73	72	62		10	9
	0 /		N 94		2		30 26	76	73	65		cir	9
	1 0			East	2		30.24	76	73	65	5	cir. strat	9
	/ 2	*			2		30.24						9
	10	٠,			2		30.26	69	70	66	*		7
	10		16. by 6.		2		30 28				4:	,.	6
	Flack		98.		2		30.28				b	now	10
	0 3		€. 9.€.		2		30.28				7	1 - 1	10
	1 2			44	2,		30.28				b.c.	cur.strat	9
Mid.	1 2		96. ly &		2		30.28	63	63	60		1 "	9

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

midwight to 4 a m. Elsav and pleasant. Light to gentle breeze from West to Worth. Redung to abl tide. Distilling with banked free in briler a. Roger Guellis J. Eneign W & M.

From 4 to 8 a On.

Bleav and pleasant. Gentle brey from I by E. B arometer neing Dictilling with banked frie under both of.

n. A. Colonian

From 8 a. On. to Mend.

bleav and pleasant Gentle breezes from I N 6 evening to 6. by I and last hour to E. F.E. At 9. a. M. planted target 1000 yards alram of chip, and etationed observer 1000 yards at right aught to target the of fire and at 10.30 communed target practice with the both Diggs and February B. D. Charles of Seventher, expended 38. 6 pdv. fried ammunition by first Aureim duling watch. The following named apprinteres 3th class were declared describes from the date opposite their names: Eugan Enducine and J. B. Deron from april 14. 1894; E. B. Charles L. Will and E. P. Classer from the form april 15. 1894; Then with al 90 clock and 16. 1844 and From the Distribution of marginal 71° formed 71° all Osmprature of magazine 71° forward, 71° aft.

W.B. Caperton Lieutewant W. J. M.

From Merid to 4 P.M. Sently breey from 6. 96 and 6. by 9. Clear and pleasant Figan enriging to elt at 2.30 and finished at 3.45 Continued target practice with executary battery using both Dinggo Schröder 6 pdr. gund the etalrand Kotchhus 6 pdr., and both Botchkus 1 pdre. Range and observers as in preceding watch. Finished practice for the day at 4.00. At 100 went to quarter and turned in clean hammore. Distilling with free backed under bother it.

Que Rocal Dientenant Ols & Ol.

Oum 4 to 8 4. m.

Clear and pleasant. Fight been from East. I traped target practice at 400 and brought in target. Sunt broke in communing at enudam sent down light is and unlint light sails. Ask Paymaster Bicks returned from Norfolk with 5000 Ch. F. burleucy for ship. Destilling with free banked cludes briter it. Hostopmen In Haylow Eneign & Son

From 8 9 M. to Philo.

blow and pleasant. Fight breey from East. Barometer steady. This evering to flood at 9.00. Distilling with banked free in boiler to.

Rosen Welles h. Roger Welles fr. 8 neign & R. R.

Examined and found to be correct.

J. B. Mi chton, Navigator. Leutenant M. F. N.

LOG of the UNITED STATES Phip Essex Third Rate, and anchor in the York awn off Yorktown, Va.

-					-(/	_	0 0										
		1	Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of	Forms of	Hear tha.	Sea
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compaes.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cle 8ky, in 10th	State of the S
A. M		lal	Current														
1	0	2	Flord	\$6. by 6.	East.	0-1			30.29	62	62	59		f.	none	10	
2	0	0	Junio	nig to Ell.	balm.	0			30.29	62	62	59		4.	1,	10	-
3	0	1	Ebt.	194.		0			30.29	62	62	59			-	10	
4	0	6			*	0			30.29	62	62	59				10	
5	0	9		04 16 04.	N1	0			30.31	62	61	59		le.c.	cer etens	7	
6	1	3		NO4. by 24.		0			30.34	62	62	60			"	8	
7	. 1	1		Q1.4°Q1.	-	0			30.36					**	strat	9	
8	0	8	1	"	**	0			30.36					:	,	9	1
9	0	5		N 94.		0			30.40	68	67	64		b.c.m.	~	9	
10	0	2	Flood	96.	Gast	2			30.42	68	.70	64				9	
11	0	4				2.3			30.42	70	72	. 68		b.m.	none	10	
Noor	. 0	8	÷ "	96. ly 6.	e e	3			30.42	70	75	68				10	
							-				-	-			_	-	-

Course and distance	e made good since preceding noon by	observations,	knots.		tenths.		
	Latitude by D. R.		۰	1	"		
Position at Noon:	Longitude by D. R.		٥	,	"		
Position at Noon:	Latitude by observations of O		0	1	"		
	Longitude by chronometer from Fo	renoon Observations of ②	0	,	*		
Position at 8 A. M.	Latitude by		0	,	" *		
Position at 8 A. M.	Longitude by		0		"		
Desision as 0 D M	(Latitude by		0	1	"		
Position at 8 P. M.	Longitude by		o	,	и		
Current during the	time, knots tenths per	r hour, setting to the					
Error of the Compa	ass by Azimuth @ observed at	, ship's head	0	1			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	•	variation used,	0	
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	1	"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	1	variation used,	0	•
Water expended du	ring the preceding 24 hours,		5	00 8	gallons.		
Water distill	ed during the preceding	24 hours,	// (0	44		
Water remaining or	n hand fit for use at Noon,		20	50	*		
Coal consumed duri	ing the preceding 24 hours,		/ tons 2	080	lbs.		
Coal remaining on l	hand at Noon,		107 " 11	70	46		

P. M.					1					
1	0 5 Flord	6. 9E.	East.	3	30.43 71	73	66	b.m.	none	10
2	0 5	9.96.126.		3	30.43 71	71	5		ti .	10
3	Flack	9. ly 6.		3	30.39 71	71	64		*,	10
4		A &.		3	30.39 75	71 1	3			10
5	Gernging & Ebb.			3	30.40 74	74	63			10
6	0 2 Ebb.	W. ly N.	€ 9€.	3	30.40 85	74	66			10
	0 2 .	Now by ON.	98 h, E.	2.3	30 40 70	70	60		,	10
8	0 3 "			2	30.40 68	68	63			10
9	0 2 "	O. 19.		2	30.39 67					10
10	0 1 Flord	96.	• • -	2	3039 66			,	"	10
	07 .			2	30.39 66	4 .		.,		10
Mid.	1 24	6. 46.		2	3039 66					10

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Leav and pleasant. Ftailight balm to light airs from East Barometer steady. Banked fire under boler 4. Distilling.

n. D. bol man - Ensign Ch. & M.

From 4 to 8 a.M.

Clear calm and warm. At 7 15 crossed topgallant yards Distilling with banked fire under both it. Barometer viewy shorty Received in Dept of Supplies and accounte 73 lbs brad 91/4 lbs. of vogetables for issue to ships crew.

W. Dlaperton. 418 - Lieutenaul Ch. S. W.

From 8 a. M. to Merid.

Calm find home, light to gentle breeze from East during renamely of watch Charand pleasant. I do tuned flood at 9 30. Continued target practice with 4 mets the 3 gun using the port often gun and the start and forward gun. Also fixed four whote with the part Diegos Cherder 6 pds. Range of target 1500 yards Observed fall of elich from main top and from brat 1500 yards to the right of target Fried in the child from each of the 4 mets gune mentioned above Cannel on hidge anchor and ranged ship bredieds on to target. All the 4 mets generally apriled the experience of his term of enlictment and accordingly was this day honorally discharged from the Navel Genice. A. & Martin Globot) left the sley or tim days leave. Distilling with file banked under boiler A. Denguature of magazine

Qual Dienterant Die & N.

Orono Mend to HY M.

bleav and pleasant. Tentle brey from Each At 100 get spring on cable and need to 75 fatherne on pot chain, and started in with pot butter, using the pot it used R. F. gene and pat 6 ppt. Hotalkies. A. Baroto, (high) and J. Black (Boloko) left whip on leave, the former till Faturday enung at 6 clock and the latter till Faturday. Distilling with backed free under boiler A.

Houlgonery M. Lengther Enign U. S. N.

Orem 4 to 8 P. M.

bleav and pleasant. Dentle been from Each to 46. by E. Baroneter steady. Bostemid target practice fining air shots from the starband after 4 sick your No. 48. Housted bailing barnet Downst target back to the chip and bosted it on board. Distilling with basked free in boiler 4.

Roger Weller, Jr. Eurign W. F. N.

Dem 8 P. M. to Mid.

Clear and pleasant. Light to gentle brief from \$6. by 6. Barometer steady. Distilling with banked from under brief A.

). I. Coleman Ensign U. I. W.

Examined and found to be correct,

J. B. Millon Leutenant U. S. W.

1		121	V	WIND.				BAROME				URE.			lear the.	Bee.
Hour.	Knotå.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Fores.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Alr, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. uf Cles Sky, in 10th	State of the Se
A. M.	Did	al burneut	U .													
1	1	2 Flord	96. by E.	Ĝ. ₹ € .	3			30.39					b.m.w.		10	
2		8 .	0	**	3			30.39					4		10	
. 3		Flack.	F6.		1-2			30.39							10	
4	0	5 EH.	991. by 94.	**	1-2			30.39					6.0.m.w.	stral.	9	
5	0	6 -	10 26. by 26.	balm.	0			30.36					b.o.m.		9	
6	0	8		₹6.	0-/			30.40					0"	- "	8	
7	1	2 -		balm	0			30.45					b.m.	mount	10	
8	1	0 ,.		9.96.	0-1			30.43					6.0.m.	strat	8	
9	٥	5.	Of by N.	F. FU.	2			30.45						Cer. Cum	7	
10	٥	2 .	N. J. 94.		2			30.46		,			•	-	8	
11	g.	lack	96 kg 6.	16. ly 6.	3			30.46			,			cum.	8	
Noon.	0	3 Flord	6.9 &	6.9%.	3			30.45	72	73	72		~		7	
															2	

Course and distance	made good since preceding noon by obser	vations,	knots.	t	enths.		
-	Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	,	"		
Position at Noon:	Latitude by observations of ⊙		0	,	"		
1	Longitude by chronometer from Forenoon	n Observations of ①	0	,	"		
	Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	Latitude by		۰	1	"		
Position at 8 P. M.	Longitude by		٥	1	#		
Current during the	time, knots tenths per hour	, setting to the					
Error of the Compa	ss by Azimnth O observed at , sh	hip's head	0	*			
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0	,	variation ns	ed, °	
Error of the Compa	ss by Azimuth O observed at , sl	hip's head			"		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	24	1	variation us	ed, °	•
Water expended du	ring the preceding 24 hours,		50	0 ga	illons.		
Water distille	during the preceding 24 hor	urs, ·	/// 0)	44		
Water remaining on	hand fit for use at Noon,		266	0	**		
Coal consumed duri	ng the preceding 24 hours,		/ tons 2	000	lbs.		
Coal remaining on 1	hand at Noon,		105 - 1	410	46		

P. M.							1						
1	1	٥	Flord.	6.96.	6.96.	3	30.40	72	73	72	bc.m.	Cum	7
2	1	0			East.	3	30. 89						
3	1	0				3	30.39	73	75	73			7
						3	30.40	73	75	73			8
Б		Ila	ck.	\$6.	.".	3	30.40	73	74	72			8
6	0	4	OH.	West-	F \$ 6.	3	30.40	73	73	71	,	rum mit	4
7	1	2		Ji 04.	N.NE.	3	30.40	72	72	72		••	4
8	1	2				3	30.44	72	72	72	0,0.6.		0
9	1	2	,	J. 2. ly N.	Ġ.₽€.	3	30.44	71	71	70	1		0
10	1	_ 2			٠,	હ	30.44	71	71	70	5.0.		0
11	Ç	flac	K Furn	uging		3	30.45	70	70	69			0
Mid.	0	1	Flord.	nging East	North	3.4	30.47	70	69	68	t.c.		4
							1 1	ľ	/				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Commences and until 4 a M.

Clear cool and damp. Bright starlight. Flack water at 30 clock survey to the est tide at 3 30. Distilling with banked fire week brief of

Whaperton, Suitement W. S. Or

Tun 4 to 8 a. M.

Calme to light aris from 9E and 9.9E. Clear and warm licting to eld tide the steamer Daurelle amend at 540 brand up the Circ. Received on brand in Pay Dept. 90 lbs. feels brif. 90 lbs. feels brift 90 lbs. feels orgetables and 72 lbs. brad Distilling with free backed under briler it

Que Dear Qu. J. M.

Oum 8 a. On, to Mend.

Chear and pleasant. Carried it hadge to spring this to target his could not commune till 10.30 when finds starband battery rung modeling it mich R. O lum and the ree got Paud to so fathme of change to bring your to have Finished great gain practice Destilling with banked free under biles of Deseparation of magazine 75: freeze, 70: aft.

Morthfreen la Leyler

Horlynnery M. Luylur Eneign M. F. M.

Our Merid. to 4 9 m.

Bleav and pleasant. Gentle breep from 6. I 8. to Each Baronite falling Licit Condition and Least 91.8. Lauton left the chip on them and fine days bear rejectivity. Find the first and exend cutter and well on the first and exend cutter and well on the first and exend cutter and well for without from 2.30 to 3.30 Distilling with brained from under briler : I This making to flow tide. Charles hiffin (2a) left the ship on 48 now leave.

Roger Welles Jr. Ensign M. F. M.

There 4 to \$ 9 M.

Elmody and pleasant. Gentle buy from East to F. F. Bavonetw steady. Tech and execut cutter exteened at 4 st- allowed loops to go in economing. Severed out monthly money to lope Distilling with banked free endew boles it.

n. J. Coleman Enuga U. S. M.

From 6 to 8 P.M. Sently breeze from A. N.E. Practly cloudy first home sourcest with indications of scien last home bightning to A'd and E'd This inding to Ab time. Distilling with free bruked under boiler of

Lewtenant Nr. S. M.

Dem 8 9. M. to Mid. Cludy Gentle to molerate been from E & E. and North Lightning friet home. at 9 so stryped detelling and let fries dies oil under briles A. Harfur Sussija W. L. Langler . Ensign W. L. L. Langler . Ensign W. L. L.

J. B. Me il tire, Navigator,

LOG of the United STATES Phip Essex At anchor in the York Prim off Yorktown, Va

Third Rate,

			Reading		WIND.				BAROME	TER.	TEM	PERAT	TURE.	State of	Forms of	Clear 10ths.	Bea.
Hour.	Knota.	Tenths.	of Patent Log.	Shipe head	Direction by Standard Compass.	Force.	Hoel.	Leeway.	Height in inches.	Ther, att'd,	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of (State of the S.
A. M.	Did	al c	current	0													
1	0	7	Flord	6.96.	· 6. 16.	3			30.47	70	68	68		b.c.w.	muil.	2	
2	1	ó		East	V €.	3.4			30.48	,				0 C. ev.	,	0	1
3	1	2		6. by 9.		3.4			30.48	1				o.c.r.lit.		0	
4	/	0				3.4			30.48					0 1		0	1
5		Flo	ick.	North	N by 6.	3			30.48					b.c.l.t.	"	1	
6	0	8	6H.	N W.	6.46.	3			30.50					0.0.	cum simb	0	
7	1	2		*		3			30.53	,						0	
8	1	0				3			30.54	66	65	62	/			٥	
9	1	C		1.19.		3			30.54					0.c.p.	"	0	1
10	1	0				3			30.55					"	~	0	1
11	(Fla	ch	N & . ly &.		3			30.55					*	-	0	
Noon.				6.96.	- *	3			30.55	68	65	63		0. 0.		0	
					·		-				1	-					

Course and distance	re made good since preceding noon by observations,	knots.	tenths.	
	Latitude by D. R.	0 '	"	
	Longitude by D. R.	0 '	"	
Position at Noon:	Latitude by observations of ©	0 '	"	
	Longitude by chronometer from Forencon Observations of O	0 /	"	
	(Latitude by	0 /	"	
Position at 8 A. M.	Longitude by	0 '	"	
	(Latitude by	0 /	"	
Position at 8 P. M.	Longitude by	0 /	" "	
Current during the	e time, knots tenths per hour, setting to the			
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /		
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 ,	variation used	d, ° '
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	"	
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 1	variation used	1, 0
Water expended d	uring the preceding 24 hours,	7/0	gallons.	
Water distille	during the preceding 24 hours,		"	
Water remaining of	on hand fit for use at Noon,	2750	46	
Coal consumed dus	ring the preceding 24 hours,	tons /440	Ibs.	
Coal remaining on	hand at Noon,	104 " 2210		

P. M.			2.	dene	202		1	11	,	1.	1		1
1	0	2	Olone	96. h, &	G. F. G.	3	30.55	66	65	63	6.0	cir. eum.	6
2	0	4		6.96.	.,	3	30.54	66	65	63		"	6
3	0	5	/			2	30.53	67	68	64		1 .	6
4	0	5	-			2	30.53	68	69	65	7 .		7
5		The	ick.			٤	30.47	67	68	64		-	9
6	0	9	EH	616.		2	30.46				b.m.	Now.	10
7	1	0		NOX. by Ox.	_	2	30.46	67	68	64	, ,	41	10
8	1	0	4		**	3	30.46	67	68	64	**		10
9	/	0		%. J. O.	~	3	3046	67	65	64		1.	10
10	/	0	.,	O4. by N.	"	3	30.46	66	65	63	b. c. m.	cum.	9
11	٥	8	,	1		23	30.46	65	64	62	b.m.	now	10
Mid.	0	2	. 3	Of est.		2.3	30.44	65	64	62			10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. m moderate bruze from 6 NE. to NE. Barometer steady.

Roger Welles Jr.

Dum 4 to 8 a.m.

Ornact and pleasant. Sentle been from I by & to 6. N.E. B. armeter rising. Received on braid the following feels principle 98 lb. meat, 76 lbs. brad, 70 lbs. orgetables

n. S. Soliman Euryw W. J. M.

Firm 8 a. Mr. to Merid.

Senth buy how & No. Owneast with passing raw shown first their hours partly cleaning last how Omitted the neglection of bags in account of vary wrather. This survey to self tide at 10 30 J. Flordon Continued left the ship on leur until 8 PM, Monday, May 14 th.

Demperature of magazine 7: forward, 70° aft.

Gen Rebeaut Oh. & M.

Our Merid to 4 9 m

Clear and warm Sight to gette breeze from 6.96. At 100 sent librity purty, men and boyer action. Matt. Auderen B.A. 2.0 left ship on leave with 80 M. May 15. At 130 acht dingly action when R. E. Henem Qip 30) left book and attempted to deent, but was billed by men and brought back to aliefy when he was placed in enigh wine to await trial by summary come martial by relevant of the Communing Officer. Hollgourg th. Laylor & Energy V. F. n.

From 4 to 6 PM

blear and pleasured. Light E. FEly. breeze. Barometer falling.

Koge Welles Jr.

From 6 to 8 P. M.

Clear and plereant Light to gutte brey from 6 9 6. Baroneter starly Shirty party of appentice returned on brand. He leav of about of a Martin (the Cont) were estimated to Monday, "Lay 14.

7. S. Greman

40. Energy 21. I. N.

From 8 P. M. to Mid.

Light to gentle breen from 6.96 bleav und cook. Bught morelight. Ett tide.
By order of Community Officer Pr. 6 beneve (lap 30) and confined at 8 00 in the cell we engle iron for eafer keeping, until all hands' to morror morning.

gentlease In Suitement M. J. N.

Examined and found to be correct.

J. B. Me illow, Lientenant U. J. N. Navigator.

LOG of the UNITED STATES Ship Essex Ar anchor in the York River off Yorktown Va.

Third Rate,

		1	Reading		WIND.			П	BAROMI	TER	темі	ERAT	URE.			Clear 10ths.	80e.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Loeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the
A. M.		al t	Surrent	,													
A. M.	0	2	Flord	96	6.98.	1			30.41	64	63	62		b.e.w.	cum	8	
2	0	9				1-2			30.40	64	63	62				8	
3	0	8				1			30.39	63	63	62		0.c. fur.	nint.	0	
4	0	8	1 - 1	96. by 9.	South	1			30.38	63	63	62		.,		0	
5	(Tho	ick	- "	balm.	0			30.37					0.0.mv.		0	
6	0	5	Ebt.	N. M. by 94.	4	0			30.37					b.c.m.	cir eum.	4	
7	0	7		04.421.	994	2			30.38					Α.		1+	
8	1	1				2			30.38					b.e.	"	5	
9	1	0	- 1	-		2			30.37					**		5	
10	0	6	1			1-2			30.37					••		6	
11	0	5				2			30.37					*		8	
Noon.	0	2		*		2			30.36	78	76	72				8	
										_		at Department		-			

Course and distance	e made good since preceding uoon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of O	0 /	"
	Longitude by chronometer from Forenoon Observations of	ο '.	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	II .
	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	<i>u</i> •
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 4	
Deviation of the C	ompass by Azimuth @ observed at , ship's head	0 /	variation used,
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 /	и
Deviation of the C	ompass by Azimuth O observed at , ship's head	0 1	variation used, o
Water expended du	ring the preceding 24 hours,	500	gallons.
Water	during the preceding 24 hours,		**
Water remaining o	n hand fit for use at Noon,	2250	54
Coal consumed dur	ing the preceding 24 hours,	tons 960	lbs.
Coal remaining on	hand at Noon,	104: 125	0 "

Р. М.		la de	Flord	CH AR	1.19.	2	30.33	7 7		,	6.0.	cir. um.	
				96.	1					1.	U. S.		1
			-		CH. N. 94	2	30 29						7
		6				2	30.27	78	77	73			7
4	0	8			Gast.	2-3	30.27	77	77	73			4
			**	6.96.	6.96.	2.3	30.26				1 . 1	. 3	8
6	9	Flac	k	East		1-2	30.26	75	75	73			7
7	0	8	Gbt.	CH N St.	balm.	0	30.26	76	76	74	4		7
8	0	8		A %.	46.	0-/	30.26	75	75	74			7
9	- 1	5	٠.	04. 4 04.	*4	0-1	30.26					cum stub	9
10	1	6"	4	44		0-1	30.26	71	70	69	I m.	nou	10
11	1	12				0-1	30 26	71	70	69	4		10
Mid.	,	0	"		North	0-1	30.25	69	69	69			10
								Ľ	-				

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Moderney to 4 a.M. Fair clody and foggy last part. Very damp Light air to light buye from 6 9 6.

Montgowey M. Luylor Energy V. Suylor

Dion 4 to 8 a. 92.

Misty and cleaning balow light & Hy brever Baronter steady Librity men returned on time. Recent 72 lbs. broad 90 lbs. free originative and other brief which gread inspection Peleaced R. E. Henen appeal from confinement in cell.

Roger Welles

Roger Civelles In Europe Dean and pleasant. Fight are to light brew from 4 %. Ot 9. 30 mustered crew at quarter after which the Examinating Officer inspected this and one . Ot 10.35 delined equification of charge perfected by Commanding Officer of this resul argainst 0.5 Essuero app 3.4 class to the account and is new that is confided in enigh wine to await trial by Europe over Martial Timpulation of magazine 72 found 70 aft.

T. T. Xo Fran Everido. to 4 P.M.

Every Petrido. to 4 P.M.

Light to quitle brew handing but how from Of 194. to Each Fraw and warm.

Survey to flood tide at 100. Feel likely party of new and apprentices ashow.

Gen. R. C. Sentemant D. G. N.

First to 69.90 Fair and warm. Fight aris to gettle breef from 5. F. Ridning to flow tide Such brys in surmming Heretography 42. Long law Energy 26.2 N.

From 6 to 8 P. Mr. Chavand pleasant. Calme and light & Ely air. Baconster steady. The appendice library party estumed. Charles Huffin Fin returned from tur days library.

Roger Weller, In.

Energy 2 9 M.

Enno 8 P.M. to Mint. Clean and pleasent Bright mornlyt balon to light rain from 16.

n. J. Colsman Europ W. & M.

Examined and found to be correct.

J. B. Moillin, Navigaria. Lieuteurat 24. & 18.

-		7			WIND.	-		00	BAROME	TER	TEMP	ERAT	URE.			2 4	1
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass. Ships head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear 8ky, in 10ths.	State of the Se
	Jud	bal	Gunent														
A. M.	9	lae	k	N. 1.24.	Calm	0			36.24	68	69	67		b.m.	none	10	
2	0	3	Flord	9.96.		0			30.24	68	69	67		**		10	
3	0	8		E. ly 9.	JV 6.	2.3			30 24	68	68	65			"	10	
4	/	0		0		3.4			30.24	68	67	61		4		10	
5	1	1		6. by A.	S.J. S.	4		-	30 30	68	67	59		b.c.	eum	8	
6	0	6	~	East.		3			30.31	66	66	59				9	
7	9	lac	10	6. by N.	**	3			30.33	66	65	58				9	
8				Lunging		3			30.35	66	66	58			,	9	
9	0	1	Ebb	18. ly 1.		3			30.35	-66	66	5.8		b.m.	none	10	
10	0	3		1.1.04.	East	4			30.35	66	66	58				10	
11	0	7		Net.		3.4			30.34	69	67	61		*		10	
Noon.	0	5				3			30.34	70	69	62			-	10	

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	"
Longitude by D. R.	0 /	"
Position at Noon: Latitude by observations of ©	. 0 ,	u
Longitude by chronometer from Forenoon Observations of O	0 '	"
(Latitude by	0 '	"
Position at 8 A. M. { Latitude by Longitude by	0 /	"
(Latitude by	0 /	"
Position at 8 P. M. Latitude by Longitude by	0 /	И
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1	"
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used, o
Water expended during the preceding 24 hours,	450	gallons.
Water during the preceding 24 hours,		
Water remaining on hand fit for use at Noon,	1800	**
Coal consumed during the preceding 24 hours,	tons 40	O lbs.
Coal remaining on hand at Noon,	104 " 850	44

f) 14								1 1					
P. M	1.	0	8	666	12.	East	3	30.32 70	69	62	b.m.	none	10
				ch	96. ly &	4	3	30.28 69	69	62	**		
3		0	5-	Alord	6.96.	6. 96.	3	3023 69	69	62			10
				.,		4	3	30.23 69	69	62	1 - 1	- 1	10
					96. by E.		3	30.19 67	67	60	b.c.m	cir.eum	8
					., 0	4.	3	30.18 66	66	60		. 0	9
				ich	6.86.		3	30.18 65	65	59		~	9
				EH.	P. P. W.	**	3	30.18 65	64	59	le .	. 1	9
				*	Q4. N. Q4.	\$6.	3	30.18 65	64	59	b.c.	cum.	2
						**	3	30.16 66			0.0.	our ment	٥
					**		3	30.14 65			O.C. p.	nint	0
			1				2	30. 13 65					

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Lalm first half Light to moderate breze from NE last two house. Clear and dump. This brown surraging to flood tide at 1.30 and finished surraging at 1.50 - Norm set at 2.10.

Dum 4 to 8 a. M. .

Show and cook. Gently to moderate being from N.E. and E. N.E. al 800 loved with and croud right grade. Flack water as 7.00 Received in Pay Dept. 72 lbi bead, 90 lbs. buf and 90 lbs. rightable.

Mulyonery M. Heylor Euign W. F. n.

From 8 a. M. to Merid.

Section to moderate breeze from N. N. W. to N. M. blean and pleasant. Est tide. At 9.30 inequation of quantum From 9.30 to 10.30 gave the apprentice instruction in keeping accounter rough water providing the writing of them all brate. From 10.45 to 11.45, 14 water had instruction on sails and egan, and water in marking put seamanchip, valuating and eigenly, and the 3"d witch had gunnery. Or Tuninary Court Martial of which client the 18 blent M. F. N. was series member Energy 18. While and N. J. Coloman M. F. N. www.markey and Energy M. N. Jaylor, N. F. Brender commissed to 0.00 M. for the trial of bolish & Brush (agy 5c.) and at 11.30 adjoined to await the action of the reviews authority. At 11.45 fully each and equated yards Temperature of magazin 12 fourth 5t 2ft.

Own Phend to 4 9 M. Severally clear and pleasant. Sentle breeze from East to E. F. Baroneter falling. Bad delle as follows - from 1.15 to 3.30 first water brat ending: 1.15 to 2.15, seemed water granding; think water early and agree, 5 th water granding their saluration and agree, 5 th water granding of a country with water broadwords; 5 th water water granding up. James & Roger (Rese attal) was good off and discharged by order of Bureau of Rangetin bring as underwater juicen.

Drow 4 to 60 m.

From 4 to 69. M. Sentle breeze from E. F.E. Clear and pleasant. Riding to flood tide.

Sentle breeze from E. F.E. Clear and pleasant. Riding to flood tide.

Sentlement V. J. R.

Grand G. to 8 (34). Com pleasant. Gentle breeze from 6.86. At 7.40 bream everying to Est Seek draw light yards. a. b. Martin (the book 20), R. F. Godon (60) and J. Black B. Milynny M. Lengton.

Montgoing M. Lengton.

Ereseyn U. S. M.

Example 9 PM to Mid.

Overcast with presence last two house. Sentle to light breeze from F6. Bacometer felling. At 9.50 cent steam based up the new to look for gig, the former returning withink gig at 11.00. Their Examined and found to be correct riding to eld title.

Vega Gelles J. R. S. M. S. W. S. W. S. W. S. W. Navigutor.

LOG of the UNITED STATES This Essex At anchor in the York Rive off Yorktown, Va.

Third Rate,

			Reading		WIND.				BAROME	TER	TEMP	ERAT	URE.	State of	Forms of	Clear the.	a Sea
Hour.	Knots.	Tenths.	of Palent Log.	Ships head.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
	Did	ab l	surrent	0													
A. M. 1	0	5	Alard	£ 24.	98.	3			30.09					b.c.w.l.	cum. nuic		
2	0	6		96.	6.96.	3.4			30.09					4		4	b
3	0	8			**	3.4			30.09	65	65	63		-11	"-	. 4	ŧ.
4	0	9		"		3-4			30.05	63	64	61		0.0.w.l.	"	. 0	ш
5	1	i		96. by E.	.,	3			30.04	63	64	61		0.0.		0	
6	0	8		&.\$E.3		3			30.04	64	65	61		6.0.		2	
7	0	2			East	3			30.04	63	65	63		0.0.		0	
8		Gla	ek	East.		3			30.06	64	65	63			-	٥	1
9		* "		A. NE.	**	3			30.06	64	64	62		.,		-0	
10		4				3			30.06	63	63	61				0	1
11	,	4		Not. by N.		3			30.06	63	63	60				0	1
Noon.	1.	2		1.181.		3			30.06	63	63	60				0	

Course and distance	e made good since preceding noon by	observations,	knots.	te	enths.	
	Latitude by D. R.		۰	,	"	
	Longitude by D. R.		o	,	"	
Position at Noon:	Latitude by observations of O		o	,	"	
	Longitude by chronometer from For	renoon Observations of ②	0	,	и	
	(Latitude by		0	,	#	
Position at 8 A. M.	Longitude by		o	/	"	
	(Latitude by		0	,	"	
Position at 8 P. M.	Longitude by		٥	1	"	
Current during the	time, knots tenths pe	r hour, setting to the				
Error of the Comp	ass by Azimuth O observed at	, ship's head	0	1		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	
Error of the Comp	ass by Azimuth O observed at	, ship's head	o	*	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	٥		variation used,	
Water expended du	ring the preceding 24 hours,		47.	5 gal	illons.	
Water	during the preceding	24 hours,			***	
Water remaining o	n hand fit for use at Noon,		/32	5	**	
Coal consumed dur	ing the preceding 24 hours,		tons /2	00	lbs.	
Coal remaining on	hand at Noon,		103 " 1	590	44	

-							1						
P. M.		2,	EH.	1.104.	East	3	30.06	65	65	62	b.c.	Cit: cura.	4
		2	Flord	6.96	9 6. by 6	3	30.07						6
3	0	2	.,	96. ly 6.	6.46.	3	30.05	64	65	61			7
4	٥	4		6.96.		3	30.05	64	65	61			7
5	0	5		"		3	30.02	67	65	61			
6	0	7	1.	1.		3	30.01	67	65	61	**		5
		5"		"		٦	30.01	67	65	61	.,	cum strat	4
8	9	Puring	ging		,	2	30.01	67	65	61	64		4
9	0	4	EH.	Of. by A.		2	30.03	63	63	.60		**	9
10	1	3		Ox. 31 04.	9.98.	2	30.05	63	63	60.			9
11	1	4	٠,	101. by 04.		2	30.05	60	61	57	11		8
Mid.	1	4		0		2	30.05	60	60	sy	b.	wiw	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 W.M. Cloudy and damp. Lightning all around horizon Gentle to moderate breeze

M. J. Coliman

Qum 4 to 8 a. m

South breeze from E. F.E. to Each. Overcast with indications of raw. Then with about 7.25. Received on brade in Pay Dept. 90 lbs. freel brief, 90 lbs freel orgitables, and 72 lbs feel bread. Link Conits & M. New Ob. S. M. returned from leave. J. Longan (Oles) left the chip on three (3) days lecure. at 7.35 crossed topqullant and royal yards.

Gen. R. Deutenant V. J. Nr.

From 8 a. m. to Merid

Cloudy and threatening rain Gentle been from Each. Frong to ebb it 9 40. Qb 9 50 west to quarter for importion and distributed at battery till 10.30. 2. 2 paint, 10 45 to 11.45, making not requisitions. Besieved 362 yade cap cloth and 510 cap bubbons in Pay Department. Unbut yet and flying yet for apain. Instead magazine flood cocks and found them all night. I emperation of magazine 72 found, 10.31.

Howarmy le Lufter 22 Ensign (U. S. M.

Firm Merid to 4 9.9.

Elndy but pleasant. I settle been from Each to FE by E. Barometer falling a Board of Sewar consisting of Level J. B. Milton Dr. F. W. Lind Iso a Bland W. F. W. and Except of Dolman Dr. F. W. Lind Iso and Except of Dolman Dr. F. W. Lind Iso and Lind with the Company exceed watch and paper and there was watch marlinespect examinating card and expects from 1.15 to 2.15 the first watch had instruction in section and exact had instruction in section and exact the first watch had instruction in section and the third watch had gunery from 2.30 to 30; the first watch had broadcunder, the second watch grynnastic and the third watch accounts from 3.45 to 4.15.

Roger Wellis Je Enugr W. F. R.

Prem 4 to 6 9.90.

bludy and pleasant. Gentle breeze from E. F.E. allowed brys on frist conduct class to go askow in second cutter to sion.

M. D. Coleman Enugn D. S. M.

From 6 to 8 9 90

Them 6 to 8 C.M.

Sight been from 6. 96. Party cludy and pleasant balo around the moon Began euringing to elt at 7. 40. That down toggallant and every yards at eurest. Emfined G. E. Henem (app 3.0) in eingle crime in the cell for the night. M. Cinderson (B. N. Ect.), returned from 4 days leave.

Sienten and W. F. N.

Lienten and W. F. N.

Prom 8 P.M. to Mid.

Examined and found to be correct blear and spleasant. Gently breys from E. FE, and P. FE. The Gumman bank Martist contend on brad on may it is leady disched will promy be the flow

Energy Ou J. M. J. B. Me Illore . Navigator. Lieutenant Q. J. M. Navigator.

LOG of the UNITED STATES Thip Essex At anchor in the York Awir off Yorktown, Va.

Third Rate,

			Reading		WIND.				BAROMI		TEMI		URE.		,	lear tha.	Son
Hour.	Knota.	Tenthe.	of Patent Log.	Sluge head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10th	StateoftheS
А. М.	Did	el l	Sunent	0													
1	0	4	EH.	St O4. by O4.	991. ly 91.	2			30.03	59	59	56		bc.	eir.	7	
2	0	6		04.14.	. 0	2			30.03	59	59	56		b.c.m.	K 1	7	ı
3		0	flack	Lurugnia	_ ^	1			30.03	59	59	56		b.m.	nne	10	
4	0	2,	Flord	98		1			30.03	59	60	58		,,	-	10	ı
5	0	2		96.	191.	2			30.03	60	60	2.8		b.c.g	cum.	5	
6	0	2	1	98. h, 8	94.194.	2			30.04	60	61	60			cir cum	4	ш
7	0	2		. 0	"	2			30.04	61	60	58		-		5	
8		9	lack	9 9. h, ox.	North	2			30.05	- 61	61	58				4	
9	٥	2	Ell	O1. 1 St.		1-2			30.06	66	64	59		_ ^		4	
10	,	3		N. O. by 21.	6.46.	1-2			30.06	68	67	63			-	5	ı
11	1	4	1.	/	.,	8			30.05	68	67	63		*		1	
Noon.	1	5		J. 04.		3			30.04	68	67	63		٠.	cir etras	7	

Course and distant	e made good since preceding noon by	observations,	knots.	te	enths.	
	(Latitude by D. R.		۰	,	"	
n	Longitude by D. R.		٥	'	"	
Position at Noon:	Latitude by observations of O		۰	,	"	
	Longitude by chronometer from Fo	renoon Observations of ②	۰	,	и	
D-111 0 A M	(Latitude by		0	,	el .	
Position at 8 A. M.	Longitude by		_ •	,	**	
D. 11	(Latitude by		٥	1	"	-0-
Position at 8 P. M.	Longitude by		٥	,	u	
Current during the	time, knots tenths pe	r hour, setting to the				
Error of the Comp	ass by Azimnth O observed at	, ship's head	۰	4		
Deviation of the C	ompass by Azimnth O observed at	, ship's head	0		variation used.	0
Error of the Comp	ass by Azimnth O observed at	, ship's head	٥	,	u	
Deviation of the C	ompass by Azimnth O observed at	, ship's head			variation used,	0
Water expended dr	ring the preceding 24 hours,		45	O gal	lons.	
Water	during the preceding	24 hours,			**	
Water remaining o	n hand fit for use at Noon,		873	-	*	
Coal consumed dur	ing the preceding 24 hours,		875 1 tons 8	0 1	bs.	
Coal remaining on	hand at Noon,		102" 1	810	"	

Р. М.				3 1					
1	1064	A 94. ly A.	6.46.	3	30.02 69	68	68	b.c.	cir. cum . s
	06	North		3	30.00 70	69	63		. 7
3	Flack	East	1	3	29.97 70	70	65		. 7
4	0 8 Flord	6.96.		3	29.96 70	70	65	- ,	. 8
	12.	"		3	29.95- 70	70	66		. 8
6	16			3	29.957 70	70	65	~	8
7	16 -	*-	6.96.	3	29.95-70	70	65	4.	9
8	10 -		9 .	3	29.94 68	67	64		cum suit 4
9	Flack	994	Ponth	0-1	29.94 68	67	64	-	2
10	1 5 866	494	4	0-/	39.94 68	67	64		. 3
11	15-			0-1	2994 68	,			. 7
Mid.	16	4.01. by 06.		0-1	29.94 68	67	63		. 8

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a. M. .

- Cloudy to clear. Eight air and breze from 90 by W Thip owing to flood tide about 300.

Rose Weller In Roger Welles Jr. Ensign Q. F. N.

Orum 4 to 8 a. Or

Bay and damp Eight brew from NOV to North. Flack water at 80' clock.

I. Ellsworth (Fib.) reported on board their ship for duty at 750 W. from the W. J. R.S. Dale.

Received on board the following feed personeme 90 lbs. wheat 72 lbs. bread, 90 lbs. orgetables.

At 5.00 G. M. releand R. E. Beron Copp. 30) from confusioned we cell

n. Modrman Eneign W. J. Nr.

Promo 8 a. On. to merid

Presented orw at quarter at 9 30 afterwards called all hands to meeter and pleasant. Riding to ell tide. Count Martial in the case of R. E. Bruen (Rap. 3 ch.), charged into leaving the durfug in the 12th rush. with the interference of the surfus of deserting. The Bruen (Rap. 3 ch.), charged into leaving the durfug in the 12th rush. with the interference with a bad conduct found the expression from the expression of the expression was approved by the Commanding Officer on the 10th rush. There was released from enformer and decharged in accordance with the above entities. I must be found for metal and such acquise we accordance with the above entities. I must be found for the found for the found for the proof of the sound and found from alfle. In above the sound as the content of the sound and said and found for all the best the sound and sound for a found for the sound for the sound said and sound for and sound for and sound for the sound sound

Dumo Merid. to 4 P.M. blian and pleasant. Isenthe buyer from E. N.E. Dielect an follow: 1.15 to 2.15, 1st watch eignale: 3rd watch, gunney; 2.30 to 3.36, 1st watch, eignale: 3rd watch, sailer by escond watch.

3rd watch, breadurade. been working aloft natthing drun, ancieties by escond watch.

Werelynning In Theorem M. F. R.

Energy W. F. N. From 4 to 6 P. M. bleav and pleasant. Gentle breeze from E. N.E. Baroneter falling. See Dunning (Ch B. Nate) left the ship or one wicks leave of absence Riding to flood tide. Roger Chelles J. Enuge Qu. In.

From 6 to 8 P.M. Cloudy and damp. Gentle breeze from E. S. E

n. I bol Eman & Son

Lieutenant O. J. M.

Drew 8 9.9%. to Mid . Sight air from Inth and calme. Began eveniging to ell tide at 9.00 and finished at 9.10. Party alondy frist half, fair with bright mornlight last two knows. Sientemant U. & R.

Examined and found to be correct.

J. B. Me ilton, Navigator. Sientemant & S. M.

flack

6 Est

10

11

Of 184.

194.694.

OG of the UNITED STATES Phip Essex At anchor in the York Puri off Yorktown, Va

Their Rate,

10

10

10

COURSES STEERED by Standard Compass. Thyse head. Tidal Current bc. 9 19. 4 &bl. 3 29.92 70 69 67 1. 24. by 24. 4 29.90 71 70 68 b.c.d. 29.90 71 70 68 Of by N. East ٤ 29.90 71 70 68 f.o. 2 Olard 186. 2 29.91 68 70 68 2 29.93 69 69 68 b.c. v. 6.96. Q. N. 94. PW. ₽E. 29.93.69 69 68 The E. Orest. 29.92 72 71 69 2 5

2

٤

0-1

29.94 75 73 71

29.94 75 74 72

29.94 79 76 73

29.94 80 78 74

Of by A.

Course and distance made good since preceding	noon by observations,	knots.	tenths.
Latitude by D. R.		0 '	"
Longitude by D. R.		0 /	"
Position at Noon: Latitude by observations of	f ⊙	0 "	"
Longitude by chronometer	from Forenoon Observations of ⊙	. 0 /	"
(Latitude by		0 /	"
Position at 8 A. M. Latitude by Longitude by		0 /	"
		0 /	И
Position at 8 P. M. Latitude by Longitude by		٠ ,	H
Current during the time, knots	enths per hour, setting to the		
Error of the Compass by Azimuth O observed	at , ship's head	0 (
Deviation of the Compass by Azimuth @ obser	ved at , ship's head	0 '	variation used,
Error of the Compass by Azimuth @ observed	at , ship's head	0 1	tt .
Deviation of the Compass by Azimuth ⊙ obser	ved at , ship's head	0 *	variation used,
Water expended during the preceding 24 hours		375	gallons.
Water during the p	receding 24 hours,	,	44
Water remaining on hand fit for use at Noon,		500	**
Coal consumed during the preceding 24 hours,		tons /20	O lbs.
Coal remaining on hand at Noon,		102"610	44

P. M.	,	5	EH	19.	6.96.	3	1	29.92 76	78	74	6.0.	Cir. cum	
2	1	5			1	3		29.92 76	78	74		1.	7
3	0	8	Flord	6.16	1 .	3		29.92 75			~		8
4	0	9	-		1 .	3		24.92 75	77	73		} .	8
5	1	2	**	9 6.	96. by 9.	3		29.86 75	76	73		cir cum	8
6	1	0	P	FE. by E.	9.9%	8		29.84 77	78	74.		etral.	8
7	0	8		96.	,,	3		29.8478	78	74			9
8	0	8	. 1	.,		3		29.8477	77	74		-	9
9	0	3		6.86.	96.	0-1		29.89 75	70	73	b.	none	10
10	0	1	. 0	98.	balm	0		29.89 74	74	72			10
11	0	1	,	01.101	901.	2.3		29.86 74				1 .	10
Mid.	٥	6				3		29.85- 74	74	72		% -	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Okidnight to 4 a. M. Leav and pleasant. Fight to quitle brey from F. S. H. Bright mow and starlight Norm set at 3.15.

Whoultowers Nr. Yeyler Montyoung M. Lugter Eurojn M. & M.

Orum 4 to 8 a.m.

From 4 to 8 a. M. Slondy and warm. Light variable breyer. Sicis. O. B. Cagerton returned from leave.

Of 8 00 consed topogallast and royal spaces and loved societ is a bowline. They survey to flood at 4.30.

Described in Dept. of Tapplies and Accounts, 72 lbs. feels bread, 90 lbs. feels leef and 90 lbs feels engeledles, noticely passed inspection.

Roger Acceller, 1. .

Energy Ch. I M.

Oromo 8 a. m. to Merid

Hazy and warm. Fight air to light breeze from Oh by A. at 9.30 mustered at quartered and at 10 o'closed sent 1 th and and companies ashow in cutton's for shill. at 11.30 companies returned to ship and allowed bruss to go in simulating. For taught ready for small arm practice. Improvative of magazine 72° found. 70° aft

n. D. Colsman Eneign M. F. M.

Fine Merido to 4 P. M. Star warm and pleasant. Gentle breeze from 6.96. Stack water at a P.M.: suring to the flood tide at 2.30. Started few under both of at 2.30. At 1.30 planted target for small arm target practice, but afterwards unighed it and planted it on brack and made gregaration for fractice.

Secretary Q. & A.

From 4 to 8 P 90. Secretary from F. F. Ch. Fair and warm. Flord tide. Find down topigallant and royal yards and topigallant matter at sunch. Flated distilling, with free banked under briler it at 7.30.

Gentlewart Q. J. M.

Drow 8 P.M. to Prid.

Bleav and pleasant Bright monlight. Pariable unide from \$6 and \$2. Calm seemd boom. Distilling with banked frie under boler of Jung to ett at 10.30.

Wortgomery Ur. Newflin.

Eurign & F. Dr.

Examined and found to be correct.

J. B. Me iller . Navigator. Lieutenant Ole S. N.

LOG of the UNITED STATES Phip Essex, There Rate, are anchor in the York River off Yorktown, Va.

			Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Sear the.	- Brok
Honr.	Knote.	Tenthe.	of Patent Log.	Shin's head	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Alr, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear 8ky, in 10ths.	Stateofthe
	Did	al 6	urrent	0		5											
A. M. 1	,	5	EH	NOV.	F91.	3			29.84	74	74	72		bg.	none	10	
2	1	4				3-4			29.84	74	74	72		-	-	10	Ш
3	,	2		NOW by J.		3			29.84	73	73	71				10	ш
4	1	0		Otest.		3.4			29.84	73	73	71		b.c. q.	cum atras	9	ш
5		Flo	ch	J. 92.		3			29.84	72	72	70		b.c.	cum.	8	
6	0	7.	2	96.69.		3			29.82					b.	none.	10	я
7	0	3	/-	f.96.		3			29.82	72	73	70		b.c.	cum	9	
8	٥	4				3			29.82							9	п
9	0	4	. 1	£ €.		3			29.82	79	78	74			1 -	9	и
10		SI	a.k	\$ 94.		3			29.82							9	Ш
11	٥	8	Ebb	94. ly N.	9.9%	3			29.82						Cum etra	9	ı
Noon.	1	2		04. 104.		3			29.82							9	

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.	
	Latitude by D. R.		0 /	"	
D 111	Longitude by D. R.		0 /	И	
Position at Noon:	Latitude by observations of O		0 /	"	
	Longitude by chronometer from Fo	renoon Observations of O	. 0 /	И	
	(Latitude by		0 /	"	
Position at 8 A. M.	Longitude by		0 /	"	
	(Latitude by		0 /	"	
Position at 8 P. M.	Longitude by		0 /	u	
Current during the	e time, knots tenths pe	r hour, setting to the			
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 '	variat	ion used, °
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 1	u	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 1	variat	ion used, ° '
Water expended dr	aring the preceding 24 hours,		400	gallons.	
Water distill	during the preceding	24 hours,	500	44	
Water remaining o	n hand fit for use at Noon,		600	*	
Coal consumed dur	ing the preceding 24 hours,		/ tons /20	O lbs.	
Coal remaining on	hand at Noon,		100 " 1650	"	

Р. М.					11			
		6 EH.	Q1. NO.	9.99.	4	29.82 86 84 75	b.c.9.	cir. cum. 9
		4			4	29.79 87 86 76		. 8
3	٥	5	N. Ch. by N.		5	29.77 88 86 76		- 8
4		Flack	Or. by N.		4-5	29.74 88 86 76		- 8
5	0	5 Adres	£. €.		:4-6	29.70 80 79 74	B.o. g. p.	cum mint 5
6	0	8	96.		4-5	29.69 80 79 74	be.q.p.tl.	- 2 <i>i</i>
7	1	0 "	East	96. to 194.	4-5-	29.68 76.75 74	1 .	. 2
		٥	6.96.	NO4.	5-2	29.68 76 75 74		. 2
9	0	5 .	East	,,	2	29.79 76 75-73	1.0.p.l.	. 2
		Glack	6.96.		2	29.74 75 75 73	b.c. l.t.	2
11		4.	9. by W.		1.2	29 79 74 75 73	boplet.	2
Mid.		2 GH.	Ox. S. Ox.	East.	1	29.79 74 75- 73	A.o.	

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a m blear and pleasant. Gentle breey from F. W. Distilling with banked free in boiler of.

Roger Weller Ja - Energy Dr. F. M.

Clear and pleasant. Sentle breeze from IN Distilling with backed free under brief A. Received on brand the following free puriouses, go the mesh, go the regtable and ye lbs. brand. At 80 clock sent up topgetlant made and cooled topgallant and regul gards.

n. T. Colsman Europa D. G. W.

Orm 8 a. M. to Merido

Clear and warm. Gentle buyer from IN and I. IN Flack water at 10 o'clock Turning to the 2th tide at 10.30. Musticed at quarter at 9.30 and at 9.40 week to five quarter.

1. Diriem wanty in 1 minute 40 seemder 2. diriem 1 minute 50 seemds 3. diriem 1 minute 45 seemds.

Ponder Diriem in 1 minute 40 seemder Pangetor Diriem in mounts and Engeneral Pricin in 3 minutes

05 seemds. Diriel taggle in brack and laid off distince for fining book and such order same in

position Dirielling with fire banked under botter of Designature of magazine 72- forward, 70-46.

From Oriend. to 4 9 m.

Moderate to stiff been blowing in puffer from FFM. Fair and warm. Et tide Flack water at 400. Began small arm tainful gravities with after Fooder rand 3rd divisions. Arm, Fortilkies magazine iefle, range 300 yards. Bring from book at target on close. Distilling with frie banked under briles it a. Bavato (High) left the ship or two days have.

From 4 to 8 J. M Signally and rainy while watch . Visid lightning . Wodevate to feel been from varying directions, chifting quickly. I drugan (les) attended from leave. At severel and down copial yards. Distilling with banked from wards bales it.

Housemany M. Haylur. Energy U. F. M.

From P P. to Phid.

Change into billiant lightning in Eastern Longon and occasional pressing about Barmeter steady at 29.79. Eight & Pry brigs to light air from Each Distilling with brukht free in brilet A.

Roger Welles, Jr., Enuga V. F. M.

Examined and found to be correct.

J. B. Mo Ilin, Navigator. Sintenant 9. 99.

LOG of the UNITED STATES Thip Essex. Third Rate, at anchor in the York air off Yorktown, Va.

			Proding		WIND.				BAROME	ETER	TEM	PERAT	URE.			lear the.	See
Hour.	Knote.	Touths.	Reading of Patent Log.	COURSES STEERED by Standard Company.	Direction by Standard Compass.	Force.	Heel.	Looway.	Height in inches.	Ther.	Air, Dry Bufb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle 8ky, in 10th	State of the
A. M.	Did	al t	surrent	0													
1	,	4	&H.	Q 194.	9.96.	1			29.76	. 75	72	71		0.cm.	Cumain	t. 0	
2	1	5		,,	.,	1			29.74					b.c.m.		3	ш
3	1	4	•			1-2			29.70	73	71	70		"		3	1
4 4:30	4.	2	weter	.**		2			29.69	73	71	70		- "	Cir. eum	6	A .
5	4	ina	Flord	f 6.	994.	2		ł	29.67	71	70	69		b.c.		8	н
6	0	2	"	6.96.	F. F. W.	2			29.71	70	70	69		*		7	ш
7	0	4		₹6.	**	2			29.71	72	72	70		"		7	
8	٥	3				2			29.72	73	73	71				8	
9	0	2		6.		2			29.73	73	73	71		b.c. p.	-	27	
10	0	5	666	F%.	F. F.	2-3			29.72	. 73	73	71		8.0: 9 pt.	e -	2	1
11	1	0		9. ly 6.	~	3.4			29.72	74	73	71				1	1
Noon.	1	0		9 by 94.		4			29.71	73	73	72		0.0.9.0.	-"	0	

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	ıı
Longitude by D. R.	0 /	"
Position at Noon: Latitude by observations of ⊙	0 '	"
Longitude by chronometer from Forenoon Observations of ②	0 /	II .
(Latitude by	0 /	"
Position at 8 A. M. Latitude by Longitude by	0 ′	u
	0 /	и
Position at 8 P. M. { Latitude by Longitude by	0 /	u .
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 '	
Deviation of the Compass by Azimnth ⊙ observed at , ship's head	0 /	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /	"
Deviation of the Compass by Azimnth ⊙ observed at , ship's head	5 /	variation used, °
Water expended during the preceding 24 hours,	400	gallons.
Water distilled during the preceding 24 hours,	1400	, "
Water remaining on hand fit for use at Noon,	1600	"
Coal consumed during the preceding 24 hours,	1 tons 24	lbs.
Coal remaining on hand at Noon,	99 " 1410	"

Р. М							1	1							
1	1	2	Ebb.	91.194	9.96.	4		29.69	72	72	71	b.o.	cum mind	- 0	
2	٥	8	"			3		29.67	73	73	72	l.c.	Cum . Chat	. 4	
3	0	6	-	Chul	-	4.5		29.64	74	74	72			4	
4	g	lac	k	96. ly 4.		5.6		29.64	74	76	73	b.o.p.	cir sum atrat.	٠2	
5	٥	4	Flord	96. ly E.		4-6-		29.64	74	74	71	b.e.m.	attat.	2	
6	1	0				5.6		29.64	72	73	70			2	
1	1	2	44	98	98. ly 9.	5		29.64	72	72	70		our nint	2	
				*	4	6		29.64	72	72	70		att arm	2	
				6.98.	96	4-5-		29.65	71	71	69	b. c. w.	ciri. cum	. 2	
10	٥	8	_		.,	4		29.65	71	71	69		-	2	
11	9.	hu	l	**		4		29.64	70	70	69			2	
Mid	1	5	64	99.		4		29.64				~		2	
1															ä

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sleav and pleasant. Sight aire to light brey from F. F. B. B. Banked free in bother 4. Dietelling. n. T. Co of Eman. Energy W. J. M.

Orom 4 to 8 a. M Frair to clear and pleasant. Third light from S.D., backing to F. F.D. Flack water at 4:30: curring to the flood tide at 5 o'clock. Reveind in Dept. of Supplier and accounts, for issue to crew, 90 lbs. fresh brief, 90 lbs. fresh regetables and yells from the country of the supplier and 12 lbs.

Distilling with files banked under biler A.

W. Rapirton Lieutewant Ch. J. W.

From 8. a. On. to merid

Light to moderate breeze hauling from I. Fig. to I FE. One cast and varing, with thunder and lightning during part of witch Tide turned ell at 10.00 Elevatine B. Backeller Practicists reported the expiration of his term of enlistment and and accordingly homorably disclarized from the Os. I Proved Ferree P. D. Luger E. B. Brite Os. I. Left the ship of normally leave. Distilling with free banked under later A. A. Breed of which Sink Os. B. Esquitm Os. I. W. was Terrior Melika, held a Turity in acticles in the Prangeton Department. Semperature of magazine 71 - formed, 70- aft.

Que Recent Qu. J. D.

From Merid to 4 P. M.

Grow Greed to 4 J.M. Streeth recease cleaning second how, but clouding up last home Present to fresh breeze from F. F. G. J. B. Band (& M. le.) left the chip on three G! days leave. Full librity party of men and by achor. Dichtling with free backed under brile it a Brand of Lucy of which cleent! J. Miller Q. F. R., was senior member, surveyed certain acticles in Odusan Tightboulgrousery M. Weyler. Energy Q. L. R.

From 4 to 8 P.M. Cludy and equally Producte to fresh been from 9. 96. to 96 by 9. Barreter steady. Shirty party virtuals on time every 6. Rall (app. 30) corretaging. Distilling with banked free water boden it.

Roger Weller Jr. Susign M. S. N.

From & O. M. to Orid.

Cloudy and equally Floff to moderate been from & 6. Distilling with banked frie under boiler it.

n. T. Coloman. Eusign W. S. M.

Examined and found to be correct.

J. B. Me illow, Navigator. Lieutenant M. J. M.

LOG of the UNITED STATES Phip Essex Third Rate, At anchor in the York River off Yorktown, Va.

	-				WIND.		00		BAROMETER	TEM	PERAT	URE.			ba.	Pea
Bear.	Knuts.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height Ther, in inches, att'd.	Alr, Dry Bulb,	Alr, Wet	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles	State of the S.
	Jud	hal t	barrens	V												
A. M.	/	4	Ell	Of 194.	J. 9 E.	4			29.6471	72	71		b.c.m.	cir. eum	2	
2	1	4	_		**	4			29.64 71	71	70		**	2	3	
3	,	4				3.4			29.64 71	71	70				. /	
4	1	3				4			29.64 71	71	70				2	
5	٥	6		ь.		3			29.67 71	71	70		b.c.	Cum remal	6	
6		gla	ck	98		3			29.71 70				-	,	3	
7	0	4	Flord		**	2			29.72 71	71	70		"		4	
8	0	2		9.96.	Louth	3			29.75 71	69	66				3	
9	٥	2		FE. b., F.	9.9%	3			29.76 71	170	65		b.c.p.		4	
10	0	2		96.		3.4			29.78 71	70	65		b.c.	cum.	2	
11		Fla	ick	9.96.		3			29.80 71	70	65				3	
Noon.				Furnging	F94.	1-2			29.81 71					stral.	5	
.voon.				o winging	· vy.	-			27.0' /'	1'				and.		-

			knots.	tenths.
Course and distant	re made good since preceding noon by	observations,		tentus.
	Latitude by D. R.			
Position at Noon:	Longitude by D. R.			<i>!</i>
100110111111111111111111111111111111111	Latitude by observations of O		٥	, ,,
	Longitude by chronometer from Fo	orenoon Observations of O	۰	, ,,
D	(Latitude by		0	ı ıı
Position at 8 A. M.	Longitude by		0	, ,,
	(Latitude by		0	ı ıı
Position at 8 P. M.	Longitude by		o	, w
Current during th	e time, knots tenths pe	er hour, setting to the		
Error of the Comp	cass by Azimnth O observed at	, ship's head	0	,
Deviation of the C	Compass by Azimuth O observed at	, ship's head	٥	variation used.
Error of the Comp	bass by Azimnth O observed at	, ship's head	F .	ı ıı
Deviation of the C	Compass by Azimnth O observed at	, ship's head		variation used, ° '
Water expended d	nring the preceding 24 honrs,		40	O gallons.
Water distille	dnring the preceding	24 hours,	100	6 "
Water remaining of	on hand fit for use at Noon,		220	0 "
Coal consumed du	ring the preceding 24 hours,		/ tons /6	80 lbs.
Coal remaining on	hand at Noon,		97 " 19	70 "

P. M.		5	ده ع	Levial	PN.	2	29.80 7	./	73	1.0	b.c.	cir eum.	
		5		19 69.	96	7	29.80 7					"	
		5-				2	29.80 7	75	74	65	84		8
		5		A by C4.		4	29.79 7	75	74	65		-	9
			ck.	East		4	29 79 6	69	69	65	4	1	9
6	0	4 (Blood	**	-	3.4	29.79 6	69	69	66			9
7	0	4	6-	9 ly 6.	~	3	29.79 6	.9	69	66	4		9
		8		6.4.6.		3	29.81 6				-	-	9
9	0	4				3.4	29.81 6	8	68	65			7
10	0	4				3	29.816	8	68	65	b	now	/0
11	9	back	,	Luriging to		2.3	29.81						10
Mid.				the ell tide		2	29.85-6						, 3
		-											-

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a n. Clondy and threatung new Low, nimbre clonder passing one nearly all of watch from the I'd. Moderate and quite breyer from I. I. This induced to the 1st Tide. Distilling with free bruked under boles it.

W. Kaperton. .

Sientiman 76.89.

From 4 to 8 a. M. Grutle to light breeze from J. 9 E. and Forth. Cloudy. Tide turned flood at 6.00 Received on braid in Pay Dept. 90 lbs. freels bref. 90 lbs. freels regetable and 72 lbs. freel brad.

Gen R Ce ack Justinant 96.9.9.

Even 8 a. The to Mind.

Theratering rain fiel part, cleaning bater. Eight to moderate being from 9. M. and 984 at 930 menteud at greater and come and, when were impered by Communiting Office 6. Hull (age 30) about without law. Distilling with bruked free meder bold 4. I enquantee of magazine 72: forward, 70° aft Charles 6. Backelles was indicated as the climist for their pair from the date Montepours in Europe.

Therefore a Community is a supported by the content of the community of the content o

From Merid to 4 9 m. Clean and pleasant. Eight breeze from 90th. to moderate breeze from 96. Bravometer steady al 100 and librity party in shore. Distilling with banked free in bother it.

Roger Wellis. Jr. Eurgen W. F. M.

Our is to 8 You.

Clear and pleasant Gentle to moderate been few 96. Baronter steady. a Barate (High) returned from lean 6 hour vention. Destilling with banked free in lines 4.

71. J. Colom an Europe 9 9 9.

From 8 9 M. to Prid.

Shear, cool and pleasant. I suttle to light breeze from \$6. Morn one at 8.45 Flace water at 10.45, ship awaying to the elf tide remainder of watel Distilling with banked free under links A:

WAS aperton

Question Lieutenant M. S.M.

Examined and found to be correct.

J. B. Moilton, Navigator. Suntemant & S. N.

LOG of the UNITED STATES Phip Essex Third Rate, and anchor in the York Rion off Yorktown Na.

_	-		_			V			U									-
		1		Reading		WIND.				BAROME	ETER.	TEME	PERAT	URE.	State of	Forms of	Hbs.	e See
Hour.	Knots.		Tenths.	of Patent Log.	Shipe head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sea
		da	16	urrent														
A. M.	,		5	EH	W. N. W.	₹ % .	2			29.85	62	. 63	62		l.	none	10	
2	1		6	-			2			29.86	61	63	62		4	.,	10	
3	1		5	4	A 86.	W. 9 W.	3			29.87	61	63	62		- 11	.,	10	
4	1		+		"		3			29.87	61	63	62		b.o.	cum.etre	4	
5	. 1		4	',	, .		2			29.87	61	62	62		- " -		6	
6	0	,	4	**	N W. by W.	4	2			29.92	61	61	60		*	4	8	
7		d	2 un	uging ?	to Flori	',	2			29.94	60	61	60			1,	8	
8	0		3	Flord	6.96.		2			29.96	61	62	59			cir. cum	4	
9	0		2		96. by F.	f. F 01.	3			29.96	. 66	64	59			atrah	9	
10	1		2		98. 4 &	- 6	1			29.98	68	67	59		**		7	
11	0		2		Finth		2			29.99	68	67	59		~		6	
Noon			Slo	uk	નું જે.		3			30.00	68	68	60			**	5	
1											1							

Course and distance made good since preceding noon by observations,	knots. tenths.
[Latitude by D. R.	0 "
Longitude by D. R.	_0 "
Position at Noon: Latitude by observations of ©	0 "
Longitude by chronometer from Forenoon Observations of ②	0 "
(Latitude by	0 "
Position at 8 A. M. { Latitude by Longitude by	o ' "
	0 "
Position at 8 P. M. { Latitude by \ \ \Longitude by	o , "
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	o ,
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used, o '
Error of the Compass by Azimuth O observed at , ship's head	0 · · · · · · · · · · · · · · · · · · ·
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
Water expended during the preceding 24 hours,	500 gallons.
Water distilled during the preceding 24 hours,	//00 "
Water remaining on hand fit for use at Noon,	2800 "
Coal consumed during the preceding 24 hours,	/ tons / 200 lbs.
Coal remaining on hand at Noon,	06 " 770 "

. М.			8.00	1. 191.	26		/	1.	1.	6.0		
1	0	3	EH.		\$6.	3	30.01 69	69	63			
2	0	4	- 1	04.404.		3.4	30.01 69	69	64			5
3	0	6	- 1			3.4	30.02 70	69	64	1	-	6
4	0	6	. 1	A 94.		3	30.03 71	69	64			7
6	90	9	- 1	19. ly 1.	6.96.	3.4	30.03 71	69	64			7
6	0	5	Glord	96. h 6.		3	30.03 70	68	64			7
		6		East		3	30.05 70	68	64		cum strak	9
8	0	8		4 €.	~	3	30.05 70	67	63		eir cum.	4
9	٥	4		\$6. by 6.		8	30.05-66	66	62			4
10	0	4		. 0		3	30.06 68	- 65	62.		1	
11	0	3	1	6 by 9.	,,	2	30.06 65	65	62			5
did.	0	2	4	6 46		2	30.06 65	65	62			5

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Light to gentle brew from FN and N FN. Clear and cool. Bright mornlight. Itroug ell tide Ftopped distilling at 12.10 Fries banked under bother A

General W. J. M.

From 4 to 8 a. m

Now by the shifting to 6.36. Firming to flood at 7.15. Cheesed word yards at 8.00 Received in Pay Dept 883h the bree, 883/4 lb. negetables, and 71 lbs breed why oo began distilling with banked from much banked from banked from banked from banked from much banked from banked from

Montgowery Mr. Leylor Eurige W. & M.

Jum 8 a. m. to Merid.

sailing launch and sent forward Pades Linkt aire and buyer from F. F.M. Baroneter steady. Investod target, cut half of First director, Level In Bagieton in clarge to five with refle at target, cut half of First director, Level In Balak in charge to five with evolve at larget accord congress. Europe Copy below for in command in charge to five with evolve at larget accord accord congress Level below of the First interved from leave at 1200 Ct 8 4 6 looked paid to dry Distilling with backed from which Temperature of magazine 72: forward, 70: aft.

Koger, Welles Jr. Eurige W. F. M.

Fun Merid to 4 J.M.

Shear and placeant. Gentle to moderate breeze from F.E. Patrick of unser received a Buran apportunite that april 1874: Els. During exceed a Buran apportunite hat being broatman that dated april 4:1894. At 1:30 Navigators Firein left this for eith puritie we relieve launch and 2th division left this for works quadre in 2th cutter. At 10 clock furled sail Papped distilling at 20 20 clock and allowed free to be not under like it. Thend division extends in bound at 40 clock.

7 1. Colsman Euryn W. & W.

From 4 to 8 P.M.

Fair and cook. Sentle to moderate breeze from 6. FE. Glack water at 5.30. Turing to the flored tide at 60 class. The appointment of James Songan, as an acting order 9 to Breeks as an acting Bosteward Rate 2rd class and English Consistency as an acting French Male 3rd. Class all in the Mit Many was their expension april 14 1874. The appointment of Class hi Casher are an acting Order in the M. S. Many was their day renewed for ever months from its expension, april 8 1874. At appointment of Class hi Casher.

At annels and down topgallant duck cryst yand. XVIX aperton.

Lieutenant W. S. N.

From 8 P.m. to Mid

Sentle to light breeze from 6. 96. Partly slowdy. More nove at 9.45 Flood tile.

Examined and found to be correct.

Gent Cean

Leutenant O. J. W. Navigator.

LOG of the UNITED STATES Thip Essex At anchor in the York above off Yorktown Va.

Third	Rate,
-------	-------

			Reading		WIND.				BAROME	TER	TEMP	ERAT	URE.			lear the.	See
Hour.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Fares.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Baib.	Water at Surface.	State of the Weather, by symbols.	Forms of Clonds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
A. M.	Jid	u 6	urrent														
1	0	1	Ebt	CN. N. 24.	balm	0			30.10	65	65	62		b.c.	cum.	4	
2	0	6		N 94.		0			30.10	65	65	62				2	1
3	1	4	**	A. Q. by Q.		0			30.10	65	65	62			cir. eum.	9	
4	1	5		set.		0			30.10	65	65	62			cum.	2	ш
5	1	3		J. Ot. by Ot.		0			30.10	64	65	64				3	
6	1	1		404.	Gast	1			30.11						cir.cum	4	
7	0	4		North	G. ઈ. દે.	1			30.13						4,	2	
8		9,	urnging	to Oland		1			30.13		. /					1	
9	0	4	Blood	6. by 1.	E. by 4.	2			30.15	68	67	65			cum.	2	
10	0	5		8.96.		2-3			30.16	69	70	65		**		4	1
11	0	6	- 3			3			30.18	69	70	66				4	
Noon.	0	6				3.4			30.18	69	70	66			*	4	
																	1

Course and distan	ce made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ©	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 /	"
	(Latitude by	0 /	n
Position at 8 A. M.	Longitude by	0 /	"
		0 /	"
Position at 8 P. M.	Longitude by	٠,	"
Current during th	e time, knots tenths per hour, setting to the		
Error of the Comp	pass by Azimuth O observed at , ship's head	0 (
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,
Error of the Com	pass by Azimuth O observed at , ship's head	10 /	· "
Deviation of the	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used, o
Water expended d	uring the preceding 24 hours,	450	gallons.
Water distil	led during the preceding 24 hours,	350	n
Water remaining	on hand fit for use at Noon,	2700	
Coal consumed du	ring the preceding 24 hours,	2700 tons 720	lbs.
Coal remaining or	hand at Noon,	96 50	**

P. M.		Flack	6. ly F.	6. by 9.	4		30.14	70	70	66		lo.	cir. cum.	7
		5 84			4	1 4	30.12	68	69	65				
3	0	8 -	A by 84.		4		30 11							
4	0	8 -			4		30.11							
5	0	3 .		96.	4		30.11					24	ciro.cum	9
6		Flack	L Ferraging.				30.1/							
7	0	1 Flori	c 98.		3		30 09	68	67	64			Cuss.	
8	٥	8	9.86.	96. by 6.	3		30.08	67	66	63	- 1			
9	0	9 -	96.	96. by 6. 96.	2		30.08						cum strel	
		5 .	6. 46.				30.09				4		1.	
11	٥	7 .	96.	1			30.09					f.c.		7
				96. to 104.	3.4		30.08					b.c.q.	cum amil.	4

Onsign (U.S. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Cloudy and pleasant. Montight balm Ebb tide.

Moulgoney Mr. Laryland Energy N. S. M.

Dum 4 to 8 a. M. Cloudy but pleasant. balow and light air from East to 6.96. Bravometer rising.
Riding to elt tide until lust how when suring to flood. At 7.15 crossed topgallant yards. I. H. Buhk.
(E. Hater 10) returned from two days librity. Recently on braid in Pay Dept 80 W lh. fresh buf 88 % lbs.

fresh vegetables 71 lbs. fresh braid while presed suspection.

Regen (11011). I. Bryn Cheller Jr., Eneign W. J. H.

Cloudy and pleasant Light to moderate breey from 6 by I Baroneter neing During watch the 1th Divine had info practice from earling launch at target actor and forward Parder and 3th Divine had writer practice W 9.30 mustred drew at quarter and served me clear bags & Hall app 30 we declared as describe from May 20, by order of Commanding Office. All band engaged blocking ship wish those away at target practice Simperature of magazine 13th forward 70 aft. M. J. Galsman

From Merid to 4 P.M.

Clear and crob. Moderate breeze from 6. by I black water at is clear and at 1.30 awing to the elst tide 2nd Dinion suggested taugh fractice with reflex and the Nangatine Division with revolved I tipe company blacking alip noticed. Inhab and such blow the main and muzze topmand staysails.

From 4 to 8 4.9m.

Producte to quetle buy from FE. to FE by E. Fair and pleasant. Firing to flood tide at 600. That draw topgallant yards at 6.05. Gen Roeger Qu. S. R.

From 8 P. Mr. to Orid.

Bair. Lightung first half. Gentle bery from 46 first part, elifting auddenly to N. M. and equally just before class. Chiding to flood Houlegoussey Mr. Vaylor—

Ensuga O. F. M.

Examined and found to be correct.

J. B. Me illery, Navigator, Levitenant U.S.W.

LOG of the UNITED STATES Thip Essex, Waktown, Va.

-					<u> </u>	_	0	-0	BAROME	ome n	-					4.	6
			Realing	COURSES STEERED	WIND.				_					State of	Forms of	Clea	De Se
2	ś	i pe	Patent Log.	by Standard Compass.	Direction by Standard Compass.	ź	4	WBY	Height in inches.	Ther.	Dry	Air, Wet	Water at	the Weather, by symbols.	Clouds, by symbols.	p. of	foot
Hour.	Kne	To		This head.	Сопрам.	Furse.	Heat	7	In the same.	800 14.	A P	A H	N.a.			Pro 8hy	State
	Did	tal 8	Surent														
A. M.				4 .	de					11	11	,		b.c.			
1	0	lae		South	₹6.	1-2			30.06			-		tr.e.	Cereum		
2	٥	3	EH	94. 1. 04.	,	1			30.03	66	66	65	-	**	.,	3	
3	1	2	-	Jost by Of.	fol.	1-2			30.02	66	66	65				1	
4	1	2		. 1		1-2			30.02	66	65	- 65			stret.	1	
5	,	4				2			30.05	- 65	64	. 63			cumsimil	1	
6		3				2			30.05	- 65	65	- 64		b.c. w.		1	
-	- 4			J1 04	OL. Ja.	2			30.06						0 -	1	
7		2		0,0,	494	1			30.07					o.cd.		0	
8	,	0			9.94.				1					b.c.			
9	0	1		4.40		- /			30.05							-	
10	0	2	Cloud	96.	South	/			30.05	- 69	68	64		~		/	
11		g	lack	9.6, 6.	991	/			30.06	69	68	64			-	1	
Soon.						1			30.05	69	68	64		6.0 p.	**	1	
.000																	
Coon.						1			30.05	69	68	64		b. o 1p.			/

Course and distance	e made good since preceding noon by	observations,	knots. tenths.
	Latitude by D. R.		0 "
	Longitude by D. R.		0 , 4
Position at Noon:	Latitude by observations of O		O , H
	Longitude by chronometer from Fo	renoon Observations of ②	0 / #
	(Latitude by		0 1 11
Position at 8 A. M.	Longitude by		0 / //
	(Latitude by		O / M
Position at 8 P. M.	Longitude by		6 / H
Current during the	e time, knots tenths pe	r hour, setting to the	
Error of the Comp	ass by Azimuth O observed at	, ship's head	o
Deviation of the C	ompass by Azimuth O observed at	, ship's head	variation used.
Error of the Comp	ass by Azimuth O observed at	, ship's head	, и и
Deviation of the C	compass by Azimuth O observed at	, ship's head	o variation used, o
Water expended di	aring the preceding 24 hours,		500 gallons.
Water	during the preceding	24 hours,	.
Water remaining o	n hand fit for use at Noon,		2200 "
Coal consumed dur	ring the preceding 24 hours,		tons 880 lbs.
Coal remaining on	hand at Noon,		95-1410 "

			åbl.	Of by A.	East	11-21	30.02	69	68	64	bo.10.	am mint	, ,
				04. 4.24.	18.	8	30.01	. '					
				194	1	3	29.99	70 1	69	65	b.e.	cui sum	4
4	1	5			96.	3-4	29.98	72 -	71	67			
-5	- 1	4	-	49. ly 04.		4	29.94	י סץ	71	68		1:	4
6	0	8			~	2	29.94 7	70	71	68	b.e.p.		3
7	0	6			~	2	2994	70	69	67		- 1	4
8		3,	lack	16	~	1-21	29 94	70 1	69	67	0. c. t.l. n	. sumb.	C
9	0	1	apry	र्वह	Forth	3	29.93 1	66	65	63		-	0
10	0	4			-	3	29.91	65	65	63		4 .	
11	0	6			-	3	29.90	04 6	64	63	0. c. l.n.	2 1	0
Mid.	0	3		6. by 9.	Of ect.	1	29.89	64	64	63	b.o b.	cum anal	

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oridnight to 4 a M. Eloudy Light airs and breeze from 96. to 9 M. Barometer falling Luring to ebb tride at 1.00!

Roger Weller Jr. Enrign M. F. N.

From 4 to 8 a. On.

Slowly and pleasant Light been from I'V to 4 9. Received on brand the following freely providing, 52 lbs. meat 55/4 lbs. orgitables and 71 lbs. brand.

N. T. Sol sman Ensign M. F. M.

Orom 8 a. On. to Merid.

Cloudy, with passing chance. Eight aire from Or. II. and II. Itack water at 9.20 and curring to the floor tide at 18.45. Mustreed at quarter at 9.30. The Wangaton Director engaged at tacket practice with justile and the 19.4 Director with refer Deservation of magazine, 73: forward, 70: 4ft.

W. A. Caperton Sinternant Ou. J. M.

Dinu Prend to 4 P.M Sight air to moderate breze from No. to 96. Cloudy and pleasant. Ell tide Continued small arm target practice Nangatar Durison reflected and Engineer's Durisons revolvers. Cefle range 300 yards: revolver range, 30 yards. Jangets on skore, brate afterst.

Gentlewant Qi G. Or.

From 4 to 8 P.M. Sludy passing showns with thunder and lightning. Light axis to moderate breeze from N.M. by M., N. C. by N. and N.E. Changatrie and Engineers durisms fring at target till 4 30

Montepring the Langton Energy M. J. M.

From 8 S. M. to Mid.

Onecast and varing to cleaning last how. Gentle breve from South to light anisfrom Orch. Charles E. Buller (Gopp 13 c.) left the chip enth orders to report to the Commandant of the Cary Grad, Rev York, for transfer to the Charal Logistal at that place.

Roger Weller, Jr. Ensign M. J. M.

Examined and found to be correct.

J. B. Moilton . Navigator. Sentenant Ol. J. Mr.

LOG of the UNITED STATES This Essex.
At anchor in the York Rind off Yorktown Va.

				()			10_										_
			Reading		WIND.				BAROME	ETER.	TEME	ERAT	URE.	State of	Forms of	Clear 10ths.	e Sea.
Hour.	Knots.	Tenths.	of Patent Log.	Skip's head.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds, by symbols.	Prop. of Sky, in 10	State of the Se
A. M.		al .	burent	V													
1	0	5	Flord	96.	9 W.	, 2			29.87	64	64	63		b.c.w.l.	cum. ninel	. 2	
2	0	4	EH.	94. by N.	**	2			29.89	64	64	63		b.c.w.		4	
3	1	5	41	N 9. ly 94.	04. FOL.	2-3			29.89	64	64	63		.,		4	
4	1	4		Q1.1. Q1.		2.3			29.85	63	62	61		,,		2	
5	1	6		NOW by O.	04. by S.	2			29.84					b.c.	cir.cum.	7	
6	1	5			Of est.	2			29.83					- "	sun stras	7	
7	1	1	-		A 04. by 04.	2			29.84					"	cum amil	3	
8	1	0	-		O1. A O1.	2			29.83					**		1	
.9	0	6		NO.	NG.	3			29.83					-	-	4	
10	0	4				3			29.84					4	-	5	1
11		SI	ack	Turnging		2.3			29.85						cum.	6	н
Noon.	0	1	Flord	₹6.	FN.	2			29.86	69	68	65			"	7	
						1				,	1	-	-		-	_	-

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.
	(Latitude by D. R.		0 /	. "
	Longitude by D. R.		0 /	u
Position at Noon:	Longitude by D. R. Latitude by observations of O		0 /	n .
	Longitude by chronometer from Fore	enoon Observations of ⊙	0 /	"
D141 0 A M	(Latitude by		0 /	"
Position at 8 A. M.	Longitude by		0 /	"
	Latitude by Longitude by		0 /	, ,
rosition at a r. m.	Longitude by		0 /	"
Current during the	time, knots tenths per	hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 1	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 '	variation used,
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /	II .
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 1	variation used, O
Water expended du	aring the preceding 24 hours,		450	gallons.
Water	during the preceding 2	4 hours,		н
Water remaining o	n hand fit for use at Noon,		1750) "
Coal consumed dur	ing the preceding 24 hours,		tons /60	O lbs.
Coal remaining on	hand at Noon,		94" 20.	50 "

1		Lur	nging	to Ebb.	(9. by 9.	2.3	29.1	83	70	70	64		60.p.	www.aunit	2
2	0	4	Elf	Heet		2,	29.	81	72	71	61		b.c.	cum.	6
3	0	8		C4. A C4.	94. N. 94.	3	29.	8/	67	69	63			cum ment.	
4	٥	6	. 1	N94.		3-5-	29.	82	65	66	61				
5	ı	5			1.19.	2.3	29.	83	70	65	60				
6	1	4	~	4		2.4	29.	85	69	64	60) ,	4
						3	29.	86	69	64	60	1			
8	0	8				2	29.	85-	64	63	59	1	b. c.	cir eum.	9
9	0	4		A by 04.		3	29.	86	63	61	59	-		cure.	
10		The	rek	flyor.	-	3	29.	86	63	62	60	-		-	8
11	0	2	Flord	98.		3	29.	86	63	62	60	1	*.		9
				96. ly 9		3.4	29.8	36	62	62	60			am strat	9

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Oudnight to + 0. M. Circust and meety. Eight to quetle buy from 40 to 400

n. Tholaman

Ocraw 4 to 8 a. M.

Day first two hours and threatung came last two hours of witch. Light breeze from the bill the Received in Pay Dept for week to over 88% the feel brief 88% the feel register and 70 the feel bread

Willaperton Leutensul V. Ja.

Essette to light Essey four All having to 94 less how. Fair and pleasant Evering to flood tide at 1 : "Mutered and at quarters at 3.20 Evertured small arms traps yeather. Nangatoris decrease wet retter and restore Find thank 22 Companies on whom at Elementer Frank for energy at Japany de Emperature of magazine 72 formed 75: aft.

Quark Crising

From Greed to is GM. Cloudy with presence showers. Santhe to fresh breeze from M by & and M 44 Engages through witch tailing down Finished small arm taight practice

Howlgrate of I. Leveler Energy & Fa

From 4 to 1 FM. Sindy with pressing shower Eight to medicate being in equally from it is a transmitter rung. Cristal all brote

Roger Weller Je. Energy 2.3%.

Firm 8 9 M. to Mid. Clean and pleasant. Gentle to moderate brey from S. S. M. Bauroneter weady

n. T. Coleman

Examined and found to be correct.

J. B. M. Item

			Reading		WIND.				BAROME	ETER	TEMI	PERAT	URE.			Clear 10ths.	Bea
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C 8ky, in 10	Stateoftha
A. M.	Did	al l	Burnet.														
	0	4	Flord	9.86.	N. N. CH.	2			29.86	60	61	59		b.w	none	10	
		6				2			29.86							10	ı
3	1	2		**	-	2			29.86	58	59	57		.,		10	
4	0	8	EH.	A Q1. by Q1.		2			29.86	59	59	58				10	
5	1	6	•	(D) . J. E.	04. FOL.	2			29.85					B.c.	strak	8	
6	1	4			Cheek	2			29.86					b.	none	10	В
7	1	4			4	2			29.88							10	ø
8	1	/		Jo 84. by 84.	Ox. A W.	2			29.90							10	81
9	1	0		. 0		3			29.91					be.	cir.	9	1
10	0	8	. 1			3			29.91					ls.	none	10	ł
11			Furng	ing to flood I by E.	Hest	3			29.91							10	
Noon.	1	0	eft o	9. by 6.	W. by N.	3.4			29.91	68	67	61		b.c.	cir.cum	9	

Course and distant	e made good since preceding noon by	y observations,	knots.	tenths.
	Latitude by D. R.			u .
	Longitude by D. R.		0 /	u
Position at Noon:	Latitude by observations of ①		0 /	u .
	Longitude by chronometer from Fo	orenoon Observations of ②	0 /	"
	(Latitude by		- 0 /	n
Position at 8 A. M.	Longitude by		0 /	"
	(Latitude by		- 0 /	"
Position at 8 P. M.	Longitude by		0 /	ii "
Current during the	time, knots tenths pe	er hour, setting to the		
Error of the Comp	ass by Azimnth O observed at	, ship's head	0 1	
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0 1	variation used, °
Error of the Comp	ass by Azimuth O observed at	, ship's head	a +	u
Deviation of the C	ompass by Azimuth O observed at	, ship's head	6 1	variation used, °
Water expended de	uring the preceding 24 hours,		450 1	gallons.
Water	during the preceding	24 hours,		66
Water remaining o	n hand fit for use at Noon,		1300	**
Coal consumed dur	ring the preceding 24 hours,		tons 960	lbs.
Coal remaining on	hand at Noon,		94 - 1090	и

P. M.							11					
		laci	k	Thy 94.	West	4	29.91 71	70	62	lo.	Cir cum.	7
2	0	2	Flord	Ofel	Ot.ly N	4	29.89 72	71	62		cir cum.	3
3	0	2		N. 401.	CH. 4 CH.	4	29.89 72	71	02	**	strat.	4
				Jr 94. ly 94.	N.N.W.	4	29.89 72	72	3	- 4	-	7
5	1	0	abl.	,,	12.	3	29.90 74	72 6	4	·		8
6	0	8			**	2-3	29.91 74	72	64		1	
					.,	2	29.92 72				cum steak	8
				•	**	1	29.93 71					
						0-1	29.9470			B.e. w.	cum reisel.	7
						0-1	29.9570					
			Olard	6.98	Nest	1 }	29.95 707			+ -		8
Mid.	0	5		96. by 6.		1-2	29.95 70	70	61	G.	none	10
1				70.								

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and cool Sight breve from N. N. M. Bright morninght and starlight flacks water at 3 30 evening to the elb tide at 3.45.

W. M. Capariton.

Lintenant & I. M.

From 4 to 8 a. M. Sight breeze from Oh. IN morning to Oh. N. Oh. Lleav and cool Ebb tide. Received in brand in Pay Dight. 70 lbs. fresh brand, 871. lbs. fresh bref, 871. lbs. fresh negitables.

Ge Ginteraul V. J. Dr.

From 8 a. On. to Oriend.

Clear and cool. Tentle to moderate breeze from Ph & Ph. Phet and Ph by N. Ab 9.30 mustered at quarter Ab 9.50 called to Survey Enough Lunion reporting in the following times:

Narightow 3 minute 10 assends after Product 5 minutes 3th Director, 5 minutes 1sth Director, 5 minutes 1sth Director, 5 minutes 1sth Director, 5 minutes 1sth Director, 6 minutes 1sth Director, 6 minutes 1st Director, 6 minutes 1sth Director, 6 manufactor, 6 minutes 1sth Director, 7 minutes 1sth

Hereterousy M. Haylor - Energy M. S. R.

Even Preside to 4 99. Cloudy but pleasant Moderate brezy from Gest to O 40. The First Butter with the structured 1 july Forterholes, Livel black in change and the Fend Butter with the just 1 july Fretchieve, Energy Daylor in change had morning quartici towards the target at a mean destance of 500 years; 6 shorts were fried from each cutter This Completed the target practice.

Roger Welles fr. Eusign W. F. M.

From 4 to 8 P.M.

Eleav and pleasant. Gentle breeze to light aire from A. at 50 clock tide turned 28t. at 60 clock link light earls.

71. J. Colsman Ensign W. S. W.

From & P. M. to Mid.

bleav and damp. Light sine from N. It and Mest. Bright startight. Flack water at 10.20; suring to the flood tide at 10.45.

W. B. Caperton Sentenant Ou & M.

Examined and found to be correct.

J. B. Meilline Son Navigator.

LOG of the UNITED STATES Phip Essex auchor in the York Rivir off Yorktown, Va.

	T	7		Reading		WIND.				BAROME	TER.	темі	PERAT	URE.			Clear 10ths.	Bon.
Hour.	1	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Looway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bufb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clonds, by symbols.	Prop. of C Sky, in 10	State of the
A. N		da	e 6.	unent	U													
1	(2	6	Flord	96. ly 6.	Hest	2			29.93					b.c.	cum.	9	
2	10	0	4		96 ly 9.	h	2			29.92	67	67	65		41	cir. com	.9	
3			gl	ack	Of by F.		3			29.92	66	67	65			: :	9	
4	1	0	6	EBB	Of 1 04.	4*	2			29.92	66	66	64			etral.	9	
5		1	3		NO4. by O4.	104.	2		-	29.96	66	66	63		*	cir strat	3	
6	1	/	5	to	., ,		2			29.95						strat-	3	-
7	1	, 1	4		O4. J. O4.		2			29.98					h	-4	4	
8		,	4		N 94. by 94.	"	2			30.00	66	65	62		- "-		4	
9		0	4		17.	**	2			30.04	69	68	65			circum.	8	-
10		0	2		1 % by N.		1			30.05	69	68	65				8	
11	-		9.	irek	Turnying !		2			30.06	70	69	66				8	
Noor	1.				. 1	**	2			30.06	71	70	67				8	
1										-				HK.				

Course and distance	ee made good since preceding noon by	observations,	knots.	tenths.
	Latitude by D. R.		0 /	u .
	Longitude by D. R.		0 /	u
Position at Noon:	Latitude by observations of ③		0 /	"
	Longitude by chronometer from Fo	orenoon Observations of O	0 /	"
	(Latitude by		0 /	n .
Position at 8 A. M.	Longitude by .		0 /	"
	(Latitude by		0 /	"
Position at 8 P. M.	Longitude by		0 /	u .
Current during the	time, knots tenths pe	r hour, setting to the		
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used, o
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /	u u
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 1	variation used, 0
Water expended du	iring the preceding 24 hours,		450	gallons.
Water	during the preceding	24 hours,		' n
Water remaining o	n hand fit for use at Noon,		850	**
Coal consumed dur	ing the preceding 24 hours,		tons 960	lbs.
Coal remaining on	hand at Noon,		94" 130	**

P. M.														
1	0	5-	Flord	€. ₹€.	1 94.	2.3	! (3	30.06	74	72	70	b.e.	Cum.	7
2	/	4		16		3	3	0.03	74	72	70			6
3	0	8		East		2	3	0.02	73	71	69			6
4	0	5	Ebt.	96.	194 to 6.96	2!	3	0.02	73	71	69			6
5	0	9		1 01. by 91.	€.₽€.	3	3	0.02	77	77	71		Civ. cum.	6
6	0	7	41	CX. 1 21	0	3	3	0.02	76	75	69	19	strat.	6
7	1	0	t ₀			3	3	0.0 2	75	74	69			6
8	1	0	14			2	3	0.02	71	71	68	.,		8
9	1	. 0		*	Variable	2		0.04						8
10	1	3		918		2.		0.04				44		6
11		f	ace	6 by N.	balm	٥		0.04		-			cir. cum.	6
Mid.	0	0		& ly J.	FW.	2	ق	30 04	71	71	70		4.	1

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Sight to quitle breen from Obest blear frit part, partly cloudy last home. One was at 12.40 Side turned elt 24 3.00.

General W. &a.

From 4 to 8 a.M.

Dair and cool. Gentle been from 4 %. At 8 00 croud light yarde . Recurd in Pay Dept. 87/2 lb. baf, 87/2 lbs. wystable and 70 lbs. brad. Feel brop is dumming.

Hundymery We Length Qu. S. M.

Time 8 a Mr. to Merid.

Eleav and pleasant. Fight air and breeze from NO. Barrometer neing General cleaning work about this until 11.00 when went to quarter for bag inspection. Began suringing to flood at 11.00 Dangeration of magazine 13. forward, 70. aft, Discount that Pospeck Deel lad not fill will after at target so and him to range to fine and thus completed the target practice.

Change Of Sol.

From Merid. to HPM Clear and pleasant. Light to quite buy from NV. Barometer falling allowed librity party to go ashore. Further aurungs at 3 so. . . N. T. Colomb

n. T. Coloma Ensign Q. J. M.

From 4 to 8 P.On

Fair to clear and pleasant. Gentle to light be eye from 6.96. Ell tide.

W. B. Caperton Qu. J. On.

From & P.M. to Mid. Light variable breyer and calmer blondy. Dide turned flood at 11.00.

Genterrant Oli & OV

Examined and found to be correct.

J. B. Me ilter, Navigator. Switmant Cl. J. Or.

of the UNITED STATES Thip Essex at anchor in the York River off Yorktown Va

		Reading		WIND.				BAROMET	FER	TEMI	ERAT	URE.	State of	Forms of	Clear 10ths.	200
Honr.	Knota.	of Patent Log.	Suje kead	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in luches.	Ther,	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C Sky, in 10	The state of the
A. M.	Qid	al burnet	. 0		1											
1 ·	0	5 Olord	<u>ნ</u> . ჭნ.	Calm	0			30.05	68	68	66		b.c.w.	cum stral	. 7	
2	0	4 -			٥			30.05	68	68	66			cir cum.	9	ı
3	0	4 -	6.46.	1.121.	٤			30.05	67	67	65		bw.	none.	10	
4		Glack	6 by 4.	16.	1-2			30.05	67	67	65		b.o.w.	Cum strat	9	
5	Ç	Purigue	to ell tide	Calm	0			30.05	66	66	65		b.c.	cir etral	. 8	
6	,	o Est.	Of . N 84.	9.994.	0-1			30.07	67	67	66		*	-	8	
7	1	2 -		balm.	0			30.07	69	68	67			-	9	
8	1	0		96	1			30.09	70	69	67		**		9	
9	1	0	104. by %.	Gast	1-2,			30.10	72	71	69			-	9	
10	1	2	19. Ly St.		3			30.10	73	73	71			cir.eum.	9	
11	1	0	16. by 6.	4	3-4			30.10	74	74	71				8	
Noon.		Flack	6.98.		4			30.10	74	74	71			stiak.	7	

Course and distance	e made good since preceding noon by	observations,	knots.	ter	nths.
	Latitude by D. R.		0	, ,	u .
D 111 M	Longitude by D. R.		٥	, ,	1
Position at Noon:	Latitude by observations of O		۰	, ,	-
	Longitude by chronometer from Fo	renoon Observations of ①	٥	, ,	V
	(Latitude by		0	, ,	vi
Position at 8 A. M.	Longitude by		٥	, ,	v
- n - 11 n n M	(Latitude by		٥	, ,	'
Position at 8 P. M.	Longitude by		o		v
Current during the	time, knots tenths pe	r hour, setting to the			
Error of the Compa	ass by Azimuth O observed at	, ship's head		,	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variation used,
Error of the Compa	ass by Azimuth O observed at	, ship's head			,
Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variation used, o
Water expended du	ring the preceding 24 hours,		450	gall	ons.
Water	during the preceding	24 hours,			
Water remaining or	n hand fit for use at Noon,		40	ο .	
Coal consumed dur	ing the preceding 24 hours,		tons 88	0 11	06.
Coal remaining on	hand at Noon,		tons 88 93 " 14	90 '	4
			,	,	

P. M.					1						
1	0 2 Glord	6. h, 9.	6. ly 9.	2.3	30.08	74	74	71	b.o.w. l.	cum aunt.	. 4
	0 1 -	96. ly 6.		3	30.06						1
	0 1	Gurugma	96. by 6.	3	30.06	73	72	69	b.c.p.	٧ =	2
4	Flack	0 0	Fouth	3	30.06	73	72	69	0 0.10.		0
	0 2 886	9.894.	**	2	30 06	72 .	72	69			
6	0 8 ,.	04.404.		3	30.06				b.e.w.		1
7	1 4	NO1. ly 94.		3	30.04	70	70	68	4		2
8	1 6	- 0		3	30.04	70	70	68	٠,	cum etrat.	7
	/ 0 -			3	30.03	70	70	69.	b.c.m.l.	4	7
10	10	1.24.		3	30.03				b.c.	,	9
- 11	05.	N. A W.			30.03	,					
Mid.	Slack	FE.			30.03				-		9

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 40.M. Pair cool and very damp. balm to light air from No 49. Moon row at 1.30 Stack water at 4.00. Hurspring U. Hurster & 2.00

Herryomeny Mr. Langler " Eusign Ob & D.

From 4 to 8 a. M. Clear, warm and pleasant balms and light variable and Barometer ning Thip evering to ell tide about 4 so. Roger Weller Ja. Roger Wells, Jr., Enrigh Ou. J. Ch.

From 8 a. M. to Merid.

Partly cloudy and pleasant. Eight to moderate buy from Each. Gening to flow at 1130 all 9 30 could call for derical inspection and new war was mustined and inspected by divisional official after which chip and one were sure suspected by Commanding Office Description of magazine 74° forward, 70° aft.

N. J. C. Smergy W. F. W. n. 43 Colomans

From Merid to 4 90%.

Cloudy and coop with vanu and passing shower during water. Eight to gutte breyer from 6 by 9. verying to 9 6 by 6. Flood tide Started frie under brief it at 1 99h. for distilling purposes.

W. H. Cakerton.

From 4 to 8 PM. Light to guttle breeze from Forth . Partly cloudy cleaning last how. Ell tide . Hricted straw cutter. Fracted distilling with banked free hundred boiler A ab 600.

Je Rose Suntenant ON F. ON

Jum 8 P. M. to Mid.

Dair and cook Fight to quitle brees from Frith. Eightning in heavy clouds around horizon. Firming to flood at 11 so Distilling with banked frie under boiler byt.

Monday M. hayler Ensign a. S. a.

Examined and found to be correct.

J. B. Me ellon, Navigator. Lieutewant Q. S. ..

LOG of the UNITED STATES Phip Essex Third Rate, OH anchor off Yorktown, Va. making younge to Gray Yand Robots, Va and Rooms to Deck Chay Yand Chrofolk, Va and Rooms to Deck Chay Yand Chrofolk Thips head de ly d. Calm 30.03 68 68 67 0 4 Olord Porth 1 30.02 67 67 66 8 8 b. 96 30.01 66 66 65 0-/ none. 10 996. Gurugung b.c. cum strat 9 0.1 30.01 65 65 64 Itack 30.00 65 67 67 etral. 9 0-1 0 3 EH Heil 30.00 66 67 66 04.1.04 30.01 67 67 66 cir. etral. 8 3 30.0269 68 66 9. ly s. 3.4 30.02 69 68 66 Frith Getting under 3 29.99 73 73 68 3-4 29.98 74 73 68 3-4 7 29.98 74 73 68

Course and distance made good since precedi	ing noon by observations,	knots.	tenths.	
Latitude by D. R.		o	. "	
Position at Noon: Longitude by D. R.		0	, ,,	
Latitude by observation:	s of ⊙	0	, ,,	
Longitude by chronomet	ter from Forenoon Observations of ©	0	, ,,	
Latitude by		٥	r	
Position at 8 A. M. Longitude by		۰	, ,,	
Position at 8 P. M. Latitude by		۰	, ,	
Position at 8 P. M. Longitude by		v	#	
Current during the time, knots	tenths per hour, setting to the			
Error of the Compass by Azimuth ⊙ observe	ed at , ship's head			
Deviation of the Compass by Azimnth @ obs	served at , ship's head		· var	iation us
Error of the Compass by Azimuth ⊙ observe	el at , ship's head		. "	
Deviation of the Compass by Azimnth ⊙ obs	erved at , ship's head		van	iation use
Water expended during the preceding 24 hou	irs,	40	o gallons.	
Water distilled during the	preceding 24 hours,	80	0 "	
Water remaining on hand fit for use at Noon,		80	0 "	
Coal consumed during the preceding 24 hour	s,	3 tons /2	oo lbs.	
Coal remaining on hand at Noon,		90 " 29	70 "	

P.M. 2 9 15 9 96.126 1 6 0 20.9 96.126 2 2 7 266 9699	98.	4	129.96 74 72		b.o	(w.eum.	7
3 7 0 32.0 Standing up Channel	Intl	_ 4	29.90 78 78	71_			4
5 Moored to Dack Play Year.	Aly 6.	<i>4</i> <i>3</i>	29.90 78 78	71 -	b. c. d.	am wint.	4
7	East	3-9	29.94 70 70		begalth.		
9 .	OF 304.	0-1	29.9570 70		o.c.v.		0
10	1.16	0-1 4-6	29 96 70 70	66	0.c.q.N.		0
Mid.	Is by %.	4-6	29.97 64 63		7.50		0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Mirduight to + a. Mr.
Clear and pleasant balms and light airs from Forth. Baroneter falling This riding to flood tide. Distilling with banker free under boiler A.

Roger Weller fr. Ensign V. F.M.

Oum 4 to 8 a.M.

blear and pleasant. Sight airs to gutle berg from Forth at 50 closes started fire in biles & and D. Distilling with banked free under both it Regist in surroung brown and topyed in both cutters, now offset and fich took in grad lines and put steaming took in mais yard n. J. Coleman . J. W. Euriga W. J. W.

Oum 8 a On to Merid

Their, warm and pleasant Gentle to moderate breeze from I by & and I with. Ebb tide Mustered at quarter at 9 30 a. D. Of 9 37 called all hands up ancher at 10 02 hor up anchor and started ahead on engines closely Frauding not of Gottown harbor and drus Got Peris the Captum at the cons. At 1030 art flying fet. It for trainest etalgally main tripial and spurker, and it 11.15 took them in. On 10.45 I or Prairie.

Lt and Got Got A. no vary At 11.44 Got Got Book port band brand brand of by Ir (mag.) distant about the mile set course I 612 Go or patent by acting 13.1 miles. They're draught 13"02" forward 16" with aft. acrage atoms 56 arrange resolutions Designation of majorness 75 forward, 70" aft. W. B. Caperton.

Lieutewant Q. S. N. Divolence been from 36 and Pout Daw warm. At 12.55 Good Light aught berg with on wanger, patient being 15.9 At a case time changed court to 9.98 to 6.00 A 12.55 Clock Rev Light Pol of 8.8 M and Divisite dight 9.98 M. At 100 Black River Light book 26 by to, and Thinks Light 9.8 M. At 100 Black River Light book 26 by to, and Thinks Light 9.8 M. At 8 and time changed convert to 9.8 & 36 & 6.00 C. W. 115 changed convert to 9.8 M. 4 & 190 M. and at 200 to 8. by the need continue changed from Point of the 5.4 & 100 M. at 125 to 7.9 M. and at 200 to 8. by the need continue changed from Point of the first that tanding up River Point of the first that tanding up a River Both the thinks the standing up a River Both to 8 M. the Construction with 5.8 M. Aurola the gray than the standing and between the thinks the standing of the standing with the standing and between the standing and between the standing of the standing and between the standing and between the standing and between the standing of the standing and between the standing and betw From Merid . to 4 9 m

Own 4 to 8 Pm

Genterant V. J. W. Blody and rawing with wind lightning balow to quitle bury from varying direction at 5.30 only heavy squally home best, varying away two black on dow. First part standing up were to Ray Grad. Pradu Rushor to Franklin at 4.45 got alongede Very Gad lock rand at 7.00 had eligh scened Commanday. Offer left this to report alone arrival to the Commandant. Allond free to die not under brieve b. and D. Office left ship to report chips arrange is and so of etacted evaporator.

Morelymeny in New York & Ecregic U. E. R.

From 8 P. 9x. to Mid.

Described to General squally and varies. Eight aire from D. F. and calm first two hours to moderate to field breeze from S. No. to I By the last two hours, the temperature filling regardly when wind shifted to sorthward Barmeter riving Distilling with bruked free under bother to Roger Welles. J. Roger Welles. J. Exemped and found to be correct.

Examined and found to be correct.

J. B.M. illow. S. & . .

LOG of the UNITED STATES They Essex Moved to Dock Plany Gard, Ourfolk Oa

			Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.			lear the.	See.
Hone.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bnib.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear 8ky, in 10ths.	State of the Se
A. M.																	
1			On	ound to Dock	1.104.	4-6			29.98	61	61	58		0 c.g.n.	cum sumil	0	
2					**	4-6			29.98	60	60	57		0.0.9.		0	1
3						4.6			29.98	59	59	55		8		0	1
4						4-6			29.99	59	59	55		b.0		3	
5						4			30.00	1					cir cum	5	
6					*	3			30.02	, ,				*		6	
7						2.3			30.04						cum.	8	
8					. ,	3			30.05	- 1						6	
9					North	3.4.			30.10							8	
10					N. M.E	4			30.12					-		9	1
11					JV. JV 6	3			30.13			-			,	9	
Noon.					**	3 .			30.13	64	64	08				9	

Course and distance made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.	0 /	u
Position at Noon: Longitude by D. R.	0 /	u .
Latitude by observations of O	0 /	u
Longitude by chronometer from Forenoon Observations of ②	0 /	"
(Latitude by	0 /	n .
Position at 8 A. M. (Latitude by Longitude by	0 /	n .
(Latitude by	0 /	" _
Position at 8 P. M. Longitude by		u
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth O observed at , ship's head	0 1	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 1	variation used,
Error of the Compass by Azimuth O observed at , ship's head	0 /	и
Deviation of the Compass by Azimnth ⊙ observed at , ship's head	0 /	variation used, •
Water expended during the preceding 24 honrs,	400	gallons,
Water distilled during the preceding 24 hours,	700	4
Water remaining on hand fit for use at Noon,	700	4
Coal consumed during the preceding 24 hours,	/ tons 2080 88 " 450	lbs.
Coal remaining on hand at Noon,	88 " H50	4

Р. М.											
1 Thoond to Dock	1.16.	3		30.13	64	64	58	bo.	cur cum.	9	
2	**	3		30.13	67	66	દ્ય		1	9	
3 .	North	2		30.14	68	68	59			9	
4	6.46.	2,		30 16	68	68	60			9	
5		0-1		30.16	68	68	60	**		9	
6	East	0-1		30 08	67	67	61	b.	none	10	
7	96.	2		30.08	67	65	60	**		10	
8	**	2.3		30.08	65	63	59	6.0.	cir. steat.	9	
9	*	0-1		30.08	58	61	58	6.	none	10	
10	**	0-1		30.70	57	60	57		-	10	
- 11		0.1	1	30.10	56	60	57			10	
Mid.		0.1		30.10	55	59	56			10	
											J

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Thidught to # a. On Overcast cloudy and squally, with rain at time Products to feel breeze from N N B Barometer stady.

n. J. Coliman Energy U. J. W.

Montgomery the . Large Energy OL 8. W.

From 8 a. M. to Merid.

belian cool and pleasant. Sentle breze from North to I DE Barometer neing Of 9 30 mustered at quarter and dilled the gum and Ponder deremme with 10 30; Drow 10 45 to 11.45 the 14 and 2nd watcher had regale and the 3th watch sails and epoch Debured to and Paymarter The Heavy Ol. 4.90 orders from the Play Dept. to queened to Phaelewister and regard at now Pray 31 st. to the President of the Eveniming Breach for examination for promotion. At 1120 the Commanding Official Self the elip to pay an official call to the Commanding Official Official Call to the Commanding Official Official Call to the Communication of the Part of the Communication of magazine 73° forwards ye after Destruct magazine flood cooks and found they were not to the Communication of magazine Chief Communication of the Com ologe Wellish Ensign M. G. N.

From Merid to 4 9 M.

Clear and pleasant. Sentle to light brezy from 6 No. to North. Baroneter name at 1115 fulled sail, sent below brancows girthins. From 1.30 to 3.30, 14 and 2rd Bengenier of appendicus was dulled at infantry in the Yand. Burne's gang contamiled and lubreated No 4.4 It with the Elem Carring. Of 1.30 stopped distilling and alland full to die out in boiler A. F. Van Fryck (app. 30) was transferred to the S. Ravel Heights, Profels, On. for treatment.

M. J. Holam Ensign U.S. W

Dim 4 to 8 PM.

Clear and pleasant. Calme and light airs and beezes from E. NE. to FE & Johns (Backmith) left the ship on fin days leave of absence. Recent also Early Gis, J. Jawimi (Res 21th), J.J. Hickon (Ba) and age much beginned to a survey paper from the Cerumy Rip Frankler

Roger Welles Jr. Grange M. S. M.

Fire & P.M. to Mid. Clear and pleasant. balon to light air from FE. B. avonter steady.

N. T. Softma Energy W. J. M.

Examined and found to be correct.

J. B. Mellon, Suntenant Qu. I. M.

LOG of the UNITED STATES They Essex Morred to Dock Navy Yard, Norfolk, Va.

					_	U			_								
			Reading		WIND.				BAROMI	ETER	TEME	PERAT	URE.			Hear the.	See
Hanr.	Knots.	Tenthe.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Alr, Dry Bulb,	Air, Wot Bulb.	Water at Surface.	State of the Weather, by symbols.	Porms of Clouds, by symbols.	Prop. of Clear 8ky, in 10ths.	State of the Se
A. M. 1				Moved to Dock	96.	2.3			30.10	56	58	55		b.	nne	10	
2					**	2-3			30.10	56	58	55		**	21	10	
3						2-3			30.11	56	58	55				10	
4				*	"	1-2			30.12	56	58	55		b.c.	cum strak	9	
5						2			30.07	57	57	.54		4	cir cum	5	
6					**	2			30.08	59	59	56			cum.	1	
7					**	2			30.08	63	61	59		**	cir. cum.	2	
8						2			30.08	65	63	60			Cum.	3	
9						2			30.08	67	66	62			mint stee	1,2	
10					6.96	2			3008	68	67	62				1	
11						2-3			30.08	70	69	65				2	
Noon.					East	2-3			30.07	71	70	67				1	
														-			

Course and distance	e made good since preceding noon by observations,	knots. tenths.	
	(Latitude by D. R.	o	
Position at Noon:	Longitude by D. R.	0 / //	
Position at Noon:	Latitude by observations of ②	0 1 #	
	Longitude by chronometer from Forenoon Observations of ⊙	0 / #	
Position at 8 A. M.	(Latitude by	0 / //	
rosition at o A. M.	Longitude by	0 / #	
Position at 8 P. M.	Latitude by	0 / #	
residua at o 1. or.	Longitude by	G / W	
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o ' variation used,	
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	· "	
Deviation of the C	ompass by Azimuth O observed at , ship's head	' variation used, ○ '	
Water expended du	aring the preceding 24 hours,	400 gallons.	
Water distille	during the preceding 24 hours,	300 "	
Water remaining o	n hand fit for use at Noon,	1000 "	
Coal consumed dur	ing the preceding 24 hours,	/ tons / 2 80 lbs.	
Coal remaining on	hand at Noon,	86" 1410 "	

Р. М.							
1	Moored to Dock	East	2.3	30.05 71 70 67	0.0.p.	Cum umb.	0
2		1.	2-3	30.03 71 70 67		-	0
3	- 1	9.96	1	30.01 70 71 69	0.0.	4	0
4			2-3	30.00 72 72 .70			0
5		**	3	30.00 71 70 69	0.0.10.		0
6			2	29.96 68 67 66			٥
7		\$8.	2	29.96 68 67 66	b. o.	•	2
8			2	29.95-67 67 65	0.c.p.	6-	0
9		996	2	29.94 68 69 67	-		0
10			2	29.43 68 69 67	00.90.6.6.	ninet	
11			2-5	29.93 68 69 67	tu tu	"	0
Mid			2:3	2993 68 69 67	-	^	٥

, U. S. Navy, , 18 94.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Elean and cool Light aim to gintle bruger from \$6. Bright starlight Morro war almit 180
WISCaperton,
Leitemant De IM.

Demo H to 8 a. M. Chady his pleasant. Light been from JE. Baroneter steady Cercurd in Pay Defel. 72 lbs. brad 914 lbs. orgitables, and 9.4 lbs. bref, the latter was stry poor but came without the contract, so paint important.

Roger Chelles Je.

Roger Welle Jr.

Som & a. M. to Merid.

Cloudy and theatining Light to gruth buy from \$6 to Gast. Baroneter steady.

Commanding Officer of this ship paid als official wait to the Commanding Officer of the a Fallely at 9.50 militud and migrated at quarter. Secund monthly mony to affinitive Temperature of magazini 12° forward, 70° aff

bruyer from East varing to 9.96. at 1.30 paraded the Infantry Companies and at 2 Pm. sent them salve in charge of Lint. It is black and Energy Royal Relies Jr., to from part of a battalin which trolo part in the decretion at the centry in the grounds of the 9 have Empire. Seemed mostly money to the cent.

From 4 to 8 P. M.

Overcast and with naw at times thunder and occasional flactice of lightning tentle to light breeze from F. F. E. Breonster falling The Infantry Companies returned on broad at 4. 45 ach Connector I H. Beck W. S. M. left the ship to report to the Clay Tight at Brehington Il. for evanuation for principle.

Exercise M. S. M.

From 8 P.M. to Prid.

Shooty with very beaux fell of rain in equally after 9.40 P.M. until end of watch Light to gutle breyer with stiff equally about 9.45 P.M. from I.F.

W. Waperton, Seitewant V. S. n.

Trentenant Ob. J. Ok.

Examined and found to be correct.

J. B. Mo illow, Navigator. Sienten Rut Victor.

LOG of the UNITED STATES Phip Essex. Moved to Dock, Navy Yard, Norfolk, Va.

-				WIND.				BAROME				TURE.			lear the.	Sea
Bour.	Knota.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Buib,	Air, Wet Bulb.	Water at Burface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M. 1			Mored to Dock	F6. Fueth	3			29.93					o.c.l.	nimb	0	
3				P	2-4			29.90	68	69	67		b.c.g.l.		4	
6				Calm. FU. OL. FOL.	1 2			29.89	68	68	67		0.0.w.	-:	0	
8				**	2 . 2			29.92	69	69	67		0.0.0.	-	0	
10	Ī	-, 13		 North	2 2.3			29.89	70	69	67		0.0.60.		0	
Noon.					_ 3				/							-

				knots.		tenths.
Course and distance	e made good since preceding noon by	observations,				
	Latitude by D. R.			0	′	"
	Longitude by D. R.			0	,	"
Position at Noon:	Latitude by observations of Θ			0	,	"
	Longitude by chronometer from Fo	orenoon Observations of ②		0	,	*
	Latitude by			0	,	#
Position at 8 A. M.	Longitude by			0	,	"
	Latitude by			0_	1	u .
Position at 8 P. M.	Longitude by			٥	- /	<u>u</u> -
Current during the	time, knots tenths pe	r hour, setting to the				
Error of the Compa	ass by Azimuth @ observed at	, ship's head		0		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head		3		variation used, o
Error of the Compa	ss by Azimuth O observed at	, ship's head .			,	"
Deviation of the Co	empass by Azimuth O observed at	, ship's head		0	,	variation used, o
Water expended du	ring the preceding 24 hours,			40	0	gallons.
Water	during the preceding	24 hours,		,		4
Water remaining or	hand fit for use at Noon,			60	0	**
Coal consumed duri	ing the preceding 24 hours,		,	tons .		
Coal remaining on l	hand at Noon,		86	- /	0/0	, "

Р. М.		1 1						
1 Moored to Dock	1 by 6	2-3	29.89 69	68	67	0.0	cum teal	2
2	1194.	3	29.89 69	68	67		aimt	0
3		3	29.89 69	67	65			0
4		1-2	29.89 69	67	65	0 c. p.	-	0
5	J 6.	2,	29.89 69	67	65		cit.our	
6		2.	29.88 69	67	65	b.c.	cur. aunt	2
5)		1	29.87 68	66	64			2
8		1-4	29.87 68	66	64	b.c.q.p	mint.	0
9	1.10	3.5	29.93 68	62	60	0. C. 9, . N.		
10		24	29.93 65	61	60	0.c.g. m.		
11		2,	29.93 65	61	58	0 c. p.		
Mid.	1.0%	2-4	19.95 65	59	57	b.e.g.m	.,	0

M. M. Coliman Eusign Qu. S. M.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. Light to moderate breeze from F.E. and Fen with rain last home.	oth. Ourcast and equally
with rain last home.	e be a
From 4 to 8 PM.	Lieutenant Ou. S. Ok
From H to 8 P.M. Onversel and vaining balow to light breeze from P. Crecind on board in Dept. of Supplies and accounts the following 9/4 Lbs. regitables 72 lbs. brad.	V. Fl. Barometer resing , fresh provisione gibello meal
9/14 lbs. regetables 72 lbs. brad.	20 10 00

2 60 1 1 2 1

Own 8 a. M. to Freid Cloudy and namy nearly all of watch Light to quetle breeze from N. I. oring to North last breeze from N. I. oring to South last breeze from N. I. or oring to North last breeze from unit suspended on account of name or orknew from the Gand at work on braid in the Itam Engineering Department Sungerative of magazine forward 12: aft 702.

W. M. Caperton.

Lieutenant O. I.M.

Dirm Merich to 4 PM.

Sentle been to light air from N by 6. and N. N. Oncart with light presing rain charges last how. Found with a 180. At 3.00 full will and out down topgallant and vayed yards.

Dirm men from the yard at work in Engineer Dept. and fow in Emitwation Dept. reamining mest wadge of muzics mast and capitan because or braid in Equipment Dept. from water ting 2200 gellow of fresh water, after it was texted by the Surger.

Description

From 4 to 8 P.M. Chady, with a moderate rain equal last hour. Or wind light from N.E. J.E. Tremen (C. &N) left the chip on fin days leave from the day: rand Phonas Perry (B. N. 20) left the chip on seven days leave from June 1st. Same man from the Gard at work on braid until 5 P.M. see in previous watch.

WB Paperton Sieuteurut 9.9.9.

From 8 P. Dr. to Paid.

The fit to light brey blowing in puffer from A. I. D. and A. D. Ovreast and cool with poering vain shower, partly cleaning back low.

The Elevation of F. D.

Lieutenent & F. D.

Commander, M. In., Comag.

appenned;

Examined and found to be correct.

J. B. Me iller Savigator.

LOG of the United States Phip Essex Moored to Dock Navy Yard Norfolk, Va

					WIND.				BAROME	TER.	TEM	PERAT	URE.	State of	Forms of	of Clear n 10ths.	3
Hour.	Kunta.	Tenthe.	Realing of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Beight in inches.	Ther. att'd.	Air, Dry Bulls,	Air, Wet	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C	Statoofthe
A.M.																	
1				Moned to Dock	Jr 94.	3			29.94	60	57	54		b.	none	10	
2						3			29.94	59	56	53				10	ш
3						3			29.94	58	55	52			١.,	10	
4					•.	3			29.94					b.c.	am etral	9	
3					OH. N. O.	2			29.98						etial.	5	
- 6						2			29.98							6	
-7						2			30.00					-	-	8	
ŝ					Otest.	2			3000						Cir. Eum	9	
9					-	1-2			30.00					~		8	
10						1-2			3001					*	-	9	
11					Fouth	3			30.01							3,	
Noon.					9.9%.	3			30 01	68	67	28		-		8	

Course and distan	ce made good since preceding noon by observations.	knots.	tenths.	
	(Latitude by D. R.	0 /	и	
	Longitude by D. R.	0 "	#	
Position at Noon:	Latitude by observations of ⊙	0 /	и	
	Longitude by chronometer from Forenoon Observations of ©	0 /		
		c *	E _	
Position at 8 A. M.	Longitude by	0 /	и	
		0 '	н	
Position at 8 P. M.	Longitude by	6 4		
	e time, knots tenths per hour, setting to the			
-	bass by Azimuth @ observed at , ship's head	۰ ،		
	Compass by Azimuth ⊕ observed at , ship's head		variation used,	0
	cass by Azimuth © observed at , ship's head	- 1	M	
	Compass by Azimuth @ observed at ship's head		variation used,	0 *
	uring the preceding 24 hours,	400	gallons.	
	d during the preceding 24 hours,	2200		
	on hand fit for use at Noon,	2, 400		
-		tons 4 0 0	lbs.	
	ring the preceding 24 hours,	86 - 610	***	
Coal remaining on	hand at Noon,	00 - 070		

P. M. Moradi t	2 2 ck (4 9 9	13	29.96 70 69	40 £.	c cum 8
2	*	3	29.94 70 69		. 8
3	1 994	3-4	29.93 70 69	60	. 8
4		8-4	29.92 70 69	60 -	, 8
5		3	29.92 70 69	59 .	. 5
6		3	29.92 69 67	59 .	. 4
		2-3	2992 69 67	59 .	- 4
8		2-3	29.92 69 67	59 .	- 4
-5		2	29.97 66 66	51 -	_ 5
10	-	1.2	29.98 66 66		- 9
11		2	29.97 65 64		now 10
Mid.		3	29.97 64 63	59	10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

From 4 to 8 a. 9 h

Clear and pleasant. Light breyer from 9 N 9 at 6 45 loved sail to dry and unrow year for surry because in Dept of Supplies and accounts 914 lbs. furth brif. 9:18 lbs full orgetables, and 84 lbs. of bradfor wine to crew.

LUNGLaberton
Leitenant 9. J. N.

Sight aire to quitle breey from Olich Fresh and III Fair and pleasant Received even at quarter at good to Keef Core) was about vertime. Pren from the Jad were at work on braid as follower. Div me Engine Digt seven in Constantion, two especiments and footen carelher. Link I B. Lagarton Ol. I.N. in obtained to moter of the Degartonich, reported in the Just to Link Conder We Brekell IN B. for duty or a French Conder State Conducted and braid of June of interest of some vertice in Board of Juney of which Conducted to French Ol. I.N. was Guir Mincher, beld at Juney or verner pieces of renning grav. Link 3. Director of appendix in charge of Director Officer to view charge of Navy June. Exercised Downard and after Toward durine at Infantry. Imperature of magazine 72° forward, by eff.

General Qu.S.W.

Crow Read to 4 4 M.

Clear and cool. Gentle to medicate breey from D. F. and F. 17 Caulker at work on deck; 10 geople in Dept of Continution and Regain and I in Dept of Geraw Engineering. W. Lightfor Country and J. Fellin, (B. M. 10) left clay on five days leave. Exercised 14 and 3.4 watcher at eignal and each 14 with to one shops in charge of an office, love off gen that had been injected during forever. Nucleut light each.

Merelyonery W. VerylerEnergy V. F.

From 14 to 8 P.M. Sight to quite brey from FN. blondy and pleasant. Yead men knowled off work at 5.00. Feet a libity party of men ashon. Sink & mid 3 M. Chin, W. S.M., left the skip on one were known. At 4.10 fuled onto.

Duom 8 P. M. to Mid.

Dair, cool and pleasant. Sight breen from J. N.

Huntyoning U. Length Energy U. L. Length Energy U. L. M.

Examined and found to be correct.

J. B. Mo Ilter Navigator. Selectional Of & M.

LOG of the UNITED STATES Thip Essex. Moved to Dock Placy Yard, Profile Oa

			Reading		WIND.				BAROME	TER	TEMI	PERAT	TURE.	State of	Forms of	Clear Atha.	e Sea.
Hour.	Knota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Height Ther. in inches. att'd.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the S
A. M.				Moned to Dock	Sou by 94	3			29.97	64	63	59		b.	none.	10	
3				7,777,000 7,0 -0,1010		3			29.97			59				10	1
3						3			29.98	64	63	59			***	10	
4						3			29.94	64	63	59			*	10	1 -
5						2			29.91	,		57		bc.	cum	9	
6						2			29.89	8		57		b.	nne	10	
7						2			29.90			56		· /	*	10	
8					,	2.3			29.90		60	56		b.e.	cum strak	1	
9						2.3			29.92	,		60		•	-	9	
10					C4. FO4	2-3			29.92					•	1	9	н
11					4	3			29.90			63			1	9	
Noon.						3			29.90	76	74	64				9	

Course and distanc	e made good since preceding noon by	observations,	knots.	ter	nths.		
	(Latitude by D. R.		0	, ,	,		
	Longitude by D. R.		0	, ,			
Position at Noon:	Latitude by observations of ②		۰	, ,	,		
	Longitude by chronometer from Fo	orenoon Observations of O	۰	, ,	,		
	(Latitude by		0	, ,	,		
Position at 8 A. M.	Longitude by		0	, ,	,		
			0	, ,	,		
Position at 8 P. M.	Longitude by		o	, ,	,		
Current during the	time, knots tenths po	er hour, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	0	,			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	1	variation used,	0	
Error of the Compa	ass by Azimuth O observed at	, ship's head	۰	, ,	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0		variation used,	0	,
Water expended du	iring the preceding 24 hours,		40	O gall	ons.		
Water	during the preceding	24 hours,		•	•		
Water remaining o	n hand fit for use at Noou,		200	0	4		
Coal consumed dur	ing the preceding 24 hours,		tons 4-6	00 11	os.		
Coal remaining on	hand at Noon,		86 " 21	10 '	4		

Town I	1			TITIE					
P. M. 1	Moved to Dock	01.994	3	29.90 79	77	66	be.	etrat.	9
2	- 1	904.	3	29.90 80				cir.cum.	8
3			3	29.90 80	78	66			9
4			3	29.90 80					9
5			3	Taken down	78	66			9
6			3		78	66			8
7			3		78	66	1.	4	8
8		A	3		76	64		~	8
9		J. 901.	2		72	65			9
10		4,	2.3		71		b.	none	10
11		4	2-8			63		- 1	10
Mid.			2		68	63	* -		10

, U. S. Navy, , 1894 .

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Thidnight to 4 a. M. Colar cool and pleasant. Gentle buy from S.V. by V. Cheeles Jr. Roger Chelles Jr. Freign W. S.V.

From 4 to 8 a. M. Light to gentle breef from I ch by M. Clean and pleasant. Lored earl at 8 00. Account on brand in Pay Dept. 72 lb. brad, 88 lb. med 88 lb. orgetable.

Gen R Greatenant Ou S. &

From 8 a. M. to Choid ... Trair and pleasant. Fight to quite breeze from 9 h by h and h 4 h. at 8 00 havy yard workness brown with an follower: 14 couldness, 10 abspectights, 2 apparentative and in the Engine rome, 4 machinists and on helper Landed 1st cutter on the dock. At 11 40 field earl Truperative of magazine 75° freezed, 69° aft.

Thouleformery W. Leryton. Energy & F. R.

bleav and pleasant. Leuth busy from O. F. to & F. De following Yard workness employed on braid: 4 machineste, helper in Engineer Tryt and 10 carpenter, 2 factures and 16 caulture in Emotivation Digh. At 100 and librity may and appendice on alone. Towned gaig on dark for reprint Pratthew and with 2. No. 20) left the ship or few days leave.

Roger Weller In.

Change V. F. R.

Fine 4 to 8 P.M. .

Bleav and placent Gentle brew from FV. The following Placy Jude workness engaged or braid until 5 P.M.: 16 caulker, 10 carpenters, 2 factours in Bonatriction and 4 machinets and 1 selfer in Engruing. Boys likely party returned except I. Fehr Jr. Vecerto Cor.) Left the chip or five days leave.

Worldowery W. Lery M. .

Euseym Ve. I. R.

Dems & P. M. to Olid.

Bleav, and pleasant. Flight to quite brezz from F. J. Ol & 8.30 the Corporal at the gete brught & Bellev, and pleasant. Elight to gete brught & Bellev, as for attempting to enter the gete when under the influence of light.

Roger Cheller, In Surger W. F. A.

Examined and found to be correct.

J. B. My illin Sent Sent Surgetor.

Third Rate,

LOG of the UNITED STATES Thip Essex Moored to Dock, Chary Yard, Norfolk Cha.

			Reading		WIND.				BAROME	TER.	TEMP	ERAT	URE.			lear the	3
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Re
A. M. 1				Moored to Docso	F QL	0-/		T	aken d	oun	.68	63		b.	nou	10	
2					**	0-1					68	63				10	H
3					balm	0					69	64		**	-	10	
4						0					69	64		b.c.	cum.	7	
5						0				-	69	64		b	none	10	
6					Q1. POL.	2					64	61		**	- 1	10	
7					**	1					66	61			-	, 10	
8						1					66	61				10	
9					-	2.3					75	65				10	
10						3					77	67				10	
11					M. by 9.	3					78	67				10	
Voon.						3					79	67				10	

Course and distant	ce made good since preceding noon by	observations,	knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		0	,	"	
Position at Noon:	Latitude by observations of O		0	,	11	
	Longitude by chronometer from For	renoon Observations of O	٥	,	" -	
	(Latitude by		0	,	11	
Position at 8 A. M.	Longitude by		۰	,	" -	
			0	-	- " -	
Position at 8 P. M.	Longitude by		۰	-	н	
Current during th	e time, knots tenths per	r hour, setting to the				
Error of the Comp	oass by Azimuth O observed at	, ship's head	٥	,		
Déviation of the C	Compass by Azimuth O observed at	, ship's head	0		variation used,	
Error of the Comp	oass by Azimuth O observed at	, ship's head	0	,	"	
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	,	variation used,	
Water expended d	uring the preceding 24 hours,		40	0	gallons.	
Water	during the preceding	24 hours,			44	
Water remaining of	on hand fit for use at Noon,		160	0	44	
Coal consumed du	ring the preceding 24 hours,		* tons 4	100	lbs.	
Coal remaining on	hand at Noon,		85 " 2			

P. M.	Mooned to Dock	Q1. F 84	3	Take down	8 2	68	b.	none	10
2 1 1 1	7777733		3		82			1	10
3			3		83	69	1.		10
4			3		84	70	1		10
5		A. N. W.	1		84	70	+		10
6		balm.	0		82	71	1.		10
7			0		80	71			10
8			0		79	73			10
9		FO4.	0-1		78	72	b.c.l.	cum that	9
10			1-2		78	72			9
11		<i>.</i>	3		76	70	-		9
Mid.		South	3.4		72	68	в.	now	10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M. bleav and pleasant. balm to light buy from FU

n. T. Coffman Ensign W. J. W

Flear and pleasant. Calm to light breeze from Oh. F. R. Caccurd in Pay Dept. 88 lbs. brif, 88 lbs. orgetables and 78 lbs. brief. Worldfordry H. Naylur. Energy 96 J. M.

Energy & G. M. to Cherid.

Shear warm and phasant. Gentle breeze from Ch. FCh. to Ch. by F. at 9.00 the Commanding Office inepected the ship and crew at quarter, after which ealled all hands aft published the articles for the Franciscus of the Cavy and had general meeter. To Turado M. K. Cork) about withink breeze. I superative of magyinis 72° forward, 69° aft. Flaited to file the brilese with fresh water from the hydrant at the yard.

Reger Welles h.,

Energy Chelles h.,

Charit to C. M.

From Merid to 4 4 9 m.

bleav and pleasant. Sentle bery from 01.90. at 3.30 held Dirne Genie, Chaplani
91.0 Morrison from the 01.9.16.9. Franklin officiating. Elvit party left the chip.

7. Deforman

Energy 01.9.9.

Firm 4 to 8 P. M.

Stean and pleasant. balm. Light air from N. N. V. Electy party of apprentices
returned on braid on time.

Roger Weller for
Energy W. F. M.

Firm 8 P. M. to Mid. Clear and pleasant, distant lightning. Fight to moderate breeze from M. S. a. to South.

7. . The From Energy De S. M.

LOG of the UNITED STATES Thip Essex Morred to Dock, Chary Yard, Norfolk Va.

Thered Rate,

			Day Mary		WIND.				BAROMI	ETER.	темі	PERAT	URE.			lear the	8
Hour.	Knota.	Teaths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Cionds, by symbols.	Prop. of Clear 8ky, in 10ths.	State of the Se
A. M. 1			(%)	loved to Dock	f. \$U.	2 2			Taken	down		66		в.	none	10	
3					4.	2 2					70	66				10	
5					4	2					68	64				10	
8					". Fly (W)	2 1-2					73	66 68 72				10	
10					J. Ly (W	2 2				-	,	74				10	
Noon.					Q1. g Q1.	2					85	83		*.		10	

Course and distance made good since preceding noon by observations,	knots.	tenths.	
Latitude by D. R.	0 /	"	
Longitude by D. R.	0 /	" .	
Position at Noon: Latitude by observations of Θ	0 /	"	
Longitude by chronometer from Forenoon Observations of O	0 /	"	
(Latitude by	0 /	"	
Position at 8 A. M. { Latitude by { Longitude by	0 /	"	
(Latitude by	0 /	"	
Position at 8 P. M. (Latitude by Longitude by	0 /	u	
Current during the time, knots tenths per honr, setting to the		•	
Error of the Compass by Azimuth O observed at, ship's head	0 '		
Déviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 /	"	
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,	0
Water expended during the preceding 24 hours,	200	gallons.	
Water during the preceding 24 hours,			
Water remaining on hand fit for use at Noon,	1400		
Coal consumed during the preceding 24 hours,	tons 40		
Coal remaining on hand at Noon,	85 " 165	0 "	

P. M.	Moved to Dock	Q4. 9 Q4.	3	Taken dave	85	83	b.e.	cer. cum	9
2			3		85	83			9
3			3		85	83	1 .		9
4	1		3		86	87		-	8
5			3		88	87	41	-	8
6			2		87	82-			8
7			2		85	83	4		8
8			2		83	82			8
9			2	+ + -1	82	82	-		8
10		-	3		79	78	-: -		9
11		9%.	3		78	77	в.	none	10
Mid.			3-4		78	77	-		10

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 1 a M. Clear and pleasant. Bright starlight Christ light from S. 42. What I a. or. J. o. France (3.10) returned on brank from khuty and when searched was found to have a breth of aquitar lequir in his presence.

W. S. Caperton, Livitenant Or. J. W.

Bum 4 to 8 a. M.

bleav, warm and pleasant. Light breeze from F. F. D. Librety mew returned on time. Buthal topicale and put them on the dock. Received in Pay Dept. 87 1/2 lbs. freel bref, 87 1/2 lbs. freel bref,

Roger Welles Jr. Eusign & 9. 9.

From 8 a. M. to Okerid

blear and warm. Light breezy from Ply & to Oh Fth. Oh 9 30 mustered at requesters. Sut 1 th Division apprentices for instructions in the magazines and 2 th Division for instruction in the ships bying at the fact. E. J. Jun (Blitimah) returned from have. The following men were engaged in work on bread from the Jack: In Sometriction Dight 29 men and in Engineer Dept 3 men. Temperature of magazine 73: forward 70: aft. Received in Equip. Exempt. Dept :- 3 Themmetter (an Dup) Red Line Herd shade, I been class. I town Jumps, I Light Records; I Such.

Fine Opered to 4 9.8%.

I sectle breez fem of I be bean and warm. The bollmaning hay faced workness at work on brand: 22 callbree, 9 chepinish 2 conscients and 1 belges. Ascenced on brand the following store in Equipment Dept.: 50 yet bours. Flavour of Law 44, 15 the Jurius Flavour, 50 the local may 8, 30 the hough 8, 30 the

From 4 to 8 P.M.

Elean and pleasant. Gentle to light been few Ot 4 91. The februing clay yard workmen at worse on brank with 5 9.70: - 22 coulder, 9 chequinglete, a markiniste and shelpen.

7. The I some Checken of the second class of the second checken of the second class of the se

Jum 8 P. M. to Min.

Clear and pleasant. Bright starlight. Light to quette breeze from & F 34. and & 24.

W. R. Caperton. Leutensut Pa 9.00.

Examined and found to be correct.

J. B. Me illow, Savigator, Lieutenant O. F. M.

Third Rate,

LOG of the UNITED STATES Ship Essex Moored to Dock, Prairy Yard, Phorfolk, Va

			Reading		WIND.				BAROME		TEM		TURE.			lear the.	See.
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches.	Ther.	Alr, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1				Moved to Dock	FO1 by 04.	3		Ja	kew do	ere.	75	77		b. w.	none	10	
2					. 0	3					73	73		**		10	
3						3					72	72		"	4	10	
4						3					72	72		,		10	
5					\$ %.	2					70	69		b.e.	cum.	8	
6						3			1		71	70		- "	4	8	
7					-	3			1		73	71				6	
8						3					75	71				19	
9				,	4.	3					78	73			-	9	
10			* ~			3					80	74		-		9	
11					**	3					82	75		-		9	1
Noon.						3					84	75				9	

Course and distance	e made good since preceding noon by	observations,	knots.		tenths.		
	Latitude by D. R.		٥		"		-
	Longitude by D. R.		o	,	"		
Position at Noon:	Latitude by observations of O		o	,	"		
	Longitude by chronometer from Fo	renoon Observations of O	٥	,	"		
			0	,	"		
Position at 8 A. M.	Longitude by		٥	,	"		
			0	,	"		
Position at 8 P. M.	Longitude by		v	,	"		
Current during the		r hour, setting to the					
			0	,			
-	ass by Azimuth O observed at	, ship's head					
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	4	vari	ation used,	
Error of the Compa	ass by Azimuth O observed at	, ship's head			"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	V		vari	ation used,	0 "
Water expended du	ring the preceding 24 hours,		30	0 0	gallons.		
Water received	during the preceding	24 hours,	19	00			
Water remaining or	n hand fit for use at Noon,		30	00			
Coal consumed dur	ing the preceding 24 hours,		tons	104	0 1bs.		
Coal remaining on	hand at Noon,		85 " 1	610	"		

М.			11				1.		
1	Moored to Dock	9%	3	Jahow down "		76	6.0.	Cum.	7
2			9		86	77			6
3	4		3		86	77	4		7
4			2.3		85			cir. aum.	7
5		901 to 16.	2.4			76	6.0.9.	cum ainst	. 6
6		1.6.	3.4		79	78			4
7		6. Ab.	3.4		78	78	b.c.	-	4
8		, ,,	2-3		78	76			4
9			2		74	71	b.c.l.		7
10		24	2		74	,			7
11			2.		74		b.	une	10
id.		Į.	2		74	,			10

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On Gentle buy from SON. by Oh. Leavy dur. Bright starlight.

General V. F. W.

no Eusign Cl. F. W.

From 4 to 8 a 94.

Clear and warm. Light to gentle breyer from II Received on brand in Displit of Supplies and accounts the following free provisions, yo the brad, 8712 lbs. mead and 8712 lbs. orgitable at 500 started free under biter A to that the distilling appearatus.

N. A. Colombia.

From 8 a. On. to merid

blear and warm. Gentle breezes from FOF. Mustered at quarters at 9.30 a. Dr. H. Kurats (Ch. R. Book) was their day declared as deserter from the 3rd initial. I a. Banett & Phase absent over library. Reserved from the grater brat 1900 gallow fresh water for shipe use. The filming new from the Play Geod was of anything the water is carther, g shipeworks and a markiniste. The 2 deciment of approximate was intructed in the magazinis of this weed and the 3rd Ponder and part of 1th Divine was such abreid ships lying at the Ray Yand and through the various chapse in the Gard for interesting under the charge of an officer. Leid Will began left the ship on toward bout Madrid duty Will Capraster Toto Leide, U.S., returned on brand to receive duties having completed his examination in Charlington D. C. Imperature of magazine 74° forward, 72° aft. J. B. Moillan

From Merid to 4 4.99

Grand as in percenting watch. Exercised of and 2nd Companies at Suffecting Received on Fred at work on board as in percenting watch. Exercised of the Companies at Suffecting Received on the Equipment Sept. and Event and Event and Event of the Yeard the following manual stree: Equipment Sept. 2 cases a last line. Emission Sept. 5 the copyest tacks 3°, 50 the game ablace, (howe), 20 getters a last 2 the. brush unless 25 the could be lad (dry), 3 the chome green, 10 the coulding cotten, 2 barr sine flat bar 2° 56), 1 bar sine (cound 1°), 6 barr sine (cound 4°), 2 the brush unless (oil), 50 feet white oat, 40 feet black walnut, chanafered the accounts of P. J. Rev (Ids) and O. J. ON: Graughton (Ids) to the Q. I. R. F. Franklin.

Que Ce Suitewart 9. 9. 9.

From 4 to 8 P. Mr. Light to mederate breeze from N.E. and E.N.E. blowing in puffer bloody and pleasant. List I Beginton left the chip on lease of absence until the 9th.

J. B. Mailton, S. M. S. M.

I Leutenant VI. J. N.

Frank & P. M. to Mid. Light berger from E. N.E. Prair and cool, Lightning to Nid. and Ed.

Quellerat & 30.

Examined and found to be correct,

J. B. Me illar, Navigator. Sentement Ph J. D.

LOG of the UNITED STATES I hijo Essex Morred to Dock, Plany Yand, Phorfolk, Va.

			Panding		WIND.				BAROME	ETER.	TEMP	PERAT	TURE.			lear ths.	Sea
Hour.	Knots.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Alr, Dry Balb,	Air, Wet Buib.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Momend to Dock	Sr. S. O.	3-5		J.	rkur de	Was/	72	70		00. v.l.t.	mil	0	
2				770000000000000000000000000000000000000		4					7.0	68				0	
3					NG.	2					68	66		bo.	cum sinch	9	
4						2					68	66		*,	40	9	
5						1-2			1		70	69		4		6	
6					Gast	1					70			-	cum.	8	
7				1	-	3			1		69			0.0.	cum ainil	ľ	ш
8				1	**	3					68	-		0		0	
9					-	3						67		b.c.	-	2	
10						3					68				-	2	
11				- 1	,	3	•				68	67				1	
Noon.						3-4					67	66		0.c.w.	-	0	1

Course and distance	e made good since preceding noon by	observations,	knots.	ter	nths.	
	Latitude by D. R.		o	, ,	"	
	Longitude by D. R.		. 0	, ,	u	
Position at Noon:	Latitude by observations of O		0		u	
	Longitude by chronometer from Fo	renoon Observations of ©	٥	, ,	n .	
	(Latitude by				"	
Position at 8 A. M.	Longitude by		٥	, ,	"	
			0	, ,	,	
Position at 8 P. M.	Longitude by		o	, ,	u	
Current during the	time, knots tenths pe	r hour, setting to the				
Error of the Compa	ass by Azimuth O observed at	, ship's head	0			
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	1	variation used,	0 1
Error of the Compa	ass by Azimuth O observed at	, ship's head	٥	, ,	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	10	,	variation used,	0 4
Water expended du	ring the preceding 24 hours,		550	gall	ons.	
Water	during the preceding	24 hours,				
Water remaining or	hand fit for use at Noon,		245	0	14	
Coal consumed duri	ing the preceding 24 hours,				bs.	
Coal remaining on 1	hand at Noon,		tons /7 84 " 10	90		
				1-		

Р. М.		-							
1 99	looned to Dock	1.16.	3-4	Jaken down	67	65	0 . c. av.	cum ninit	0
2			3-4		67	65	0.0.9.		0
3	-1		3-5-		67	64	O.C. 9. p.		0
4			3-4			63	-		
5			3.4			62	0.0. q l.t.		
6		Ĝ. A Ę.	2-3		64	62	b.o.m.		3
7		16.	2		64	62	0.0.m.	٠.	0
8			2		64	62	**		
9	_		3.4		64	62	o.c.p.l.	nint !	0
10			3.4		64	62	0.0.9.0.1.		0
11		-	3.4		63	61			0
Mid.			3		63	61	1		0

U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 12 a. 9. W. Seatle to fresh breeze from NE and N. N. W. Heavy vain equall frish home, cleaning last half. Houlapmery N. Layler Energy O. F. W.

Ormu H to 8 a. On

Danw 4 to 8 a. M.

Cloudy and pleasant. Gentle breeze from East. at 7 00 loved sail to dry.

Checuird on brand in Dept. of Tupplies and account for ships conjuncy the following field permission, 70 lbs. bread, 87/2 lbs. bref. 87/2 lbs. regitable. Eye bold pulled thinked the broughd ray on the permission, now housing out clother live.

J. S. Mo Man.

J. Sientenant & S. M.

From 8 a. On. to Merid.

Sentle to moderate breeze from Each blondy and damp. Mustered crew at guarter at 9.30 about without leave, J. a. Barrett (EP). Exercised battaline at infantry dill. Them from the Yard at work as follow: 8 Theprompts and 15 Caulker. Received in Stam Enquering Dept. from the several translation of the Yard, 90 ferriles for boles. Temperature of magazines 72 found 41-41.

Chem Merid to 4 9.9m

Elmdy Raining lest half. I settle to feel breeze from N. N. 6. 8 The purighte and 15 baulkne at north alone hip. Everhyped brospeit rap and found it my sotten. Exercised 3. described at signaly, 12 and 2 and 2 and watcher working no brand. Acid. Paymenter I de Recker reported his sature from Washington his examination having been completed. Received in Engineere Dept. 200 gallow lubricating oil.

Hondgomery W. Leugler Ensign a. F. M.

From 4 to 8 P.M. Moderate to light bruze from N. N. E. to E. N. E. Oceased with rain during friel hour. J. Fellin (B. N. 1.0.) returned from leave. J. a. B. arrett (b. P) returned 34 hours sorritine. Than Yard workness knowled off world at 5.00.

General D. F. D. From 8 9 m. to Mid.

Raining whole watch with thunder and lightning. Gentle to moderate brey.

bluming equally firm Mb.

Montgowery M. Laufter.

Energy U. & M. Houldonery the Leuflar Energy U. & M.

Examined and found to be correct.

J. B. M. iller S. M. Navigator.

LOG of the UNITED STATES I hip Essex Moved to Dock, Chary Gard, Cherfolk, Ca.

-	_	-			0 0		-	- 0	1	_	_	-	-				- 2
			Reading		WIND.				BAROMI	ETER.	TEM			State of	Forms of	Clear Oths.	e Sea
Hour.	Knots.	Tenthe.	Patent Log.	COURSES STEERED by Stanuard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.																	
1				Moored to Dock	N6.	3			Jaken	bun	60	59		O.C.N.	wint.	0	
2					,,	3					59	58				0	
3				1		3					58	57				0	
4			W	E.		3		ì			58	57				0	
5			, M	1.0	101	3.4			1		57	-		0. c. w.		0	
6						2			1		57	55		b.c.	etreb.	6	
7					CH. NOV.	3						55			cum.	7	
8						2					59	57				7	-
9						2					62	59				8	
10						2					64	60				9	
11					N. N. Oh.	3					65	60				9	
Noon.						2					65	60				9	
																6	

Course and distance	e made good since preceding noon by	observations,	knots.	tenths.	
	Latitude by D. R.		0	"	
D 111 1 N	Longitude by D. R.		0	"	
Position at Noon:	Latitude by observations of O		0	"	
	Longitude by chronometer from Fo	renoon Observations of ②	0	"	
	(Latitude by		0	"	
Position at 8 A. M.	Longitude by	•	0	"	
		1	0	, ,,	
Position at 8 P. M.	Longitude by		ů .	"	
Current during the	time, knots tenths pe	r hour, setting to the			
Error of the Comp	ass by Azimuth O observed at	, ship's head	0		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0	variation used	l, º
Error of the Comp	ass by Azimuth O observed at	, ship's head	٠.	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	- 5	variation used	, 0
Water expended du	aring the preceding 24 hours,		450	gallons.	
Water	during the preceding	24 hours,		66	
Water remaining o	n hand fit for use at Noon,		2000	44	
Coal consumed dur	ing the preceding 24 hours,		tons 32	o Ibs.	
Coal remaining on	hand at Noon,		84 " 770	66	
			''		

P. M. St. OWood	d to Dock. 400	3	30.11 7	4 68	60	b.c.	cir eum.	9
2		3	30.09 7	2 68	60	**		9
3	1.104.	3	30.09 7	2 69	64			9
4	,,	3	30.08 7	2 70	64	1 .		9
5	Pr Pr	3	30.08 7	2 70	64		1 .	9
6		2-3	30.08 7	0 69	64		cir cum	9
7	fov.	1-2	30.08 6			b.c.m.	etrat.	9
8		1.2	30.09 6					8
9		1.2	30.11 6				cir. cum	7
10		1-2	30.11 6	5 65	63	b.c.	. 1	8
11	**	1-2	30.11 6	5 65	63	b.	none	10
Mid.		1-2	30.11 6	3 65	60			10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

O'Midnight to 4 a. On. Overcast and rainy Sentle breeze from N.E. at 12.30 OH H. Lightfort (Prese atid) returned from leave. Roger Welles Jr. Ensign W. F. Dr.

From 4 to 8 a 9N Moderate to light breeze from NOV. and Oh NOV. Fran and pleasant. Perceived a lighter of crat alongside at 7.45. Made preparation for evaluag Loved sail at 8.00. Received on board in Pay Dept. 8712 lbs. fresh meat, 70 lbs. brad, and 8712 lbs. orgetables.

G. R. G. Tuntenant Qu. F. Qu

Time 8 a. On. to Merid.

Clear and pleasant Light to gentle breeze from Ch N. Ch. and N. N. N. Dero Chary Gard workmen on brand in Construction Dept. Coaling this taking in about 45 tone in watch By order of continue on travel in Gouthwelm Eigh. Ocaling enjo, laking in women 4.5 hour we include in formanding Officer al. a. Manquanth (Agg 3.2) was related from confusioned, his term of confusioned having expected. The lucleum (B M 22) and I Themse (Bb. 3.4) returned from leave Temperature of magazine 75. forward, 71. afte Caecinst the fellowing stored in Pay Deph.: 600 lbs tobacco, 760 lbs candle 1000 lbs. batt water ways, 12.5 per ahour 300 dg, rubbis briting, 200 agreements 100 ornahistate 100 underslute, 100 per drawns 100 per sock, 101 yet framed 107/2, yet cloth, 96 feek hum. 2452 lbs. eugen, 200 lbs. week, 100 lbs prince, 100 lbs. lbs. butter, 100 gallow marblaces, 92/5 gallow ornegar, 342 lbs. peckley, 1000 lbs. offer, 100 lbs. prince, 100 lbs. died apple, 173 lbs tea, 162 lbs tonatre, 480 lbs. wast hef, 480 lbs. wast mutter, 480 lbs. comed hef, and 2300 lbs. brad.

Martymeny M. Tenglar. Energy Q. A. N. From Pheriol to 4 P.M.

Sleavand pleasant Gentle breez from & I to A & B. B. avonter falling. Interacted engaged in coaling chips and starboard enacts in taking on board extreming bloom store in Pay Separtment. The following Gary Gaid workness engaged as brand, 16 coulding and 3 journes.

Roger Welle J.

Energy & I. & B.

From 4 to 8 P. Or. Chear and pleasant, slight haze gathering last half. Fight aire to get be buy from I'M, and I. I be. hay feed workness engaged in cauthing foreacte rand fitting barnets enables. Trucked coaling chip, having taken in 864 time.

Huntyonery the Taylor

Or. All. Houtgomery the Carpon Europe Ch & Dr.

Euro & P. M. to Phid. Chav and pleasant. Eight air and breeze from Feb. Baroneter steady.

Roger Chelles Jr. Energy W. Lon

Examined and found to be correct.

J. B. Me iltin Navigator.

LOG of the UNITED STATES Phip Essex Morred to Dock, Chary Yard, Morfolk, Cha.

	-				WIND.				BAROM	CTER.	TEM	PERAT	TURE.			Pier .	ġ
Hour.	Knota.	Tentha.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Poree.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Buib,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10the.	State of the Se
A. M. 1				Moned to Dock	FQ 4.	/-2 /-2			30.12			,		b.w	More	10	
3		1		-	4	1-2			30.12	61	61	60			*	10	
5					N. A. 24.	1			30.16	61	60	56		ŀ		10	
6 7 8					J.W. J.AW.	1-2			30.18	64	63	59		b.c.	cum.	7,0	
9					·	2.3			30.24	170	88	63				10	
11 Noon.	-				nin E.	3			30.20	72	72	64		L. c.	cieus		
Noon.											1	-		1			

Course and distance mad	de good since preceding noon by	observations,	knots.		tenths.			
Lat	itude by D. R.		0	,	"			
Lon	ngitude by D. R.		0	,	"			
Position at Noon: {	itude by observations of ⊙		0	,	"			
Lon	ngitude by chronometer from Fo	renoon Observations of O	0	,	"			
Position at 8 A. M. Lati	itude by		0	,	"			
Position at 8 A. M. Lon	ngitude by		0	,	"			
_ (Lat	itude by		0		"			
Position at 8 P. M. Lon	ngitude by		٥	_ / _	*			
Current during the time	e, knots tenths per	r hour, setting to the						
Error of the Compass by	y Azimuth O observed at	, ship's head	0	- /				
Deviation of the Compas	ss by Azimuth O observed at	, ship's head	0	- /	varia	ation used,	0	-
Error of the Compass by	y Azimuth O observed at	, ship's head	U		"			
Deviation of the Compas	ss by Azimuth O observed at	, ship's head	۰		varia	ation used,	, О	'_
Water expended during	the preceding 24 hours,		6	00	gallons.			
Water	during the preceding	24 hours,			**			
Water remaining on han	d fit for use at Noon,		14	100	64			
Coal consumed during the Truing Coal remaining on hand	and the same of th		86 - 170 " ;	1680	lbs.			

P. M.	Moved to work	n.,e.	3	30.18	72	74	65	L. E.	eum.	P
2			3	30.28	72	74	61.			8
3			3	30.28	72	74	65-			7
4_,			9	30.26	72	75-	61.		• 1	7
5	- 4	h	3	30.21-	69	69	65			7
6		*	3	30.25	69	69	65			7
7			3	30.26	83	68	64			6
8		*	4	30.26	68	68	64			1-
9		£. Š. £.	2	30,28	66	67	65	b.	house	10
10			2	30.28	61	66	64	4		10
11			1-2	30,28	63	65	63	.,	4	10
Mid.		**	1-2	30,29	60	65	63	"	-	10

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and cook. Heavy deer. Light air to light breeze from 50%. Baroneter steady. n. J. Coloman & S. M. From 4 to 8 a. Mr.
Clean and pleasant. Eight aim to light breeze from N. N. M. and N. M. Receired in
Pay Dept. 70 lbs. bread, and 87/2 lbs. each of bref and regitable. Montgomery M. Tuylor -Eusign W. S. M. From & a. M. to Muit. bloor and bloorant Senter bruge from N. N. 16 N. N. C.

Darmeter ning. The following yard new headloyed no board;

Transland, 2 risg sur, & plumber brethers, 2 founds, and, familier.

Vecenord in Ordinance wift 37 wantfelts, 21 hoobier bretters, 21 headrock,
21 hours acked, 37 carbidge boyes, 10 drill carbidges, for 1 those, 2 magdying

buckets, 2 large to and blumber. I. Necessar. (Copy.) and Thomas July 10 Mas.

Neutral from bare on time. J. Necessar. (Copy.) and Thomas July 10 Mas.

Dust in Jand main tokends. Received and slidded bow fort cafe.

the affirmation brung furthered and 7,0 aft.

Bugn Welles, In.

Ruggard 15. 2 M. Ruger Cheller, Jr. E. M. bloom and bloomed: Kentle-bruge from N. E. Barneter strady at 2.30 horaled out galley, Limit: J. L. Woodell U. S. N. reported for duly as board, Lawing been discharged from Li U. S. N. reported my older as board, Lawing been discharged from Li U. S. Naval. Hoodied Nordell Va. E. D. Hickork (U. M. / L. C.) and Manual Nood. (D. M. / L. C.) were bloom during a water charge of Marlin at Muse to await investigation by belief to monauding afficient. 14 workness ow board, in brushicition of Separtinus. n. J. Coliman Eusign W. S. A. Frm. 4 to 8 G.M. Islandy but pleasant. Seule bruge from N. E. Darmeter shady -1. F. Nacholam (C.M. 12) returned from liberty 19/2 hours, overtime. Sent-blifts, cook, all berts dick cooks, and bimmineary Geomeon, well-base, hammocks, and news, gent (5 to B. R. D. Franklind to remain while half galley is being part in the steep.

Roger Welles & Koger Welles &. R. M. Eusigh W. F. M. From 8CM to Midnight and damp. Light bruge from 6. 5 C. Farmeter trades. n. J. Coleman Conseque Ush strady.

Examined and found to be correct.

J. B. Me illon, Navigator.

LOG of the UNITED STATES Ship Ciscy Gard, Marfolfe Do.

			Reading		WIND.		1		BAROME	TER	TEMP	ERAT	URE.			lear the
Hoar.	Knots.	Touthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.
M.				(
1				Troval to work	E. Z. E.	1			30, 29	48	48	63		lo	hone	10
2						1			30. 29	65	61-	63				10
3						1			30.28	62	68-	4			,,	10
					Calu	0			30.31	62	68	64				10
5					"	0			30, 3/	62	66-	66				10
						0			3. 33	62	65	61				10
					SE.	0-1			36. 34	. 63	64	61		,		10
3					Calm	0-1			30.34	66	66	43				10
					994.	0-1			30.35	72	71	69				10
,						0-1			30.35	72	72	69		b.m.	~	10
					South	2			30.86					~		10
25.						2			30.86							10

Course and distan	ice made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	II .
m *** . **	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②	0 /	"
	Longitude by chronometer from Porenoon Observations of	0 '	μ
Position at 8 A. M	(Latitude by	° ′	"
Position at 8 A. M.	Longitude by	0 /	"
n 00 10 n 10	(Latitude by	0 /	"
Position at 8 P. M	Longitude by	0 /	*
Current during th	e time, knots tenths per hour, setting to the		
Error of the Comp	pass by Azimuth O observed at , ship's head	0 ,	
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	0 /	variation used,
Error of the Comp	pass by Azimuth ⊙ observed at , ship's head		n .
Deviation of the C	Compass by Azimuth ⊙ observed at , ship's head	- '	variation used, ° '
Water expended d	uring the preceding 24 hours,	300	gallons.
Water receive	during the preceding 24 hours,	1900	*
Water remaining	on hand fit for use at Noon,	3000	*
Coal consumed du	ring the preceding 24 hours,	tons -	. Ibs.
Coal remaining on	hand at Noon,	170 "2130	**

P. M. 1 Oroned to S	Dock Forth	2	30.36 7	9 7	9 72	в.	none	/0
2	*	1-2	30.36 8	0 7	9 72	-		/0
3	1 Ot est	2	30 34 8	1 8	0 71	**		10
4	_	2	30.34	81 8	0 71	**		10
5	9. 4 6.	2	30.32	18 7	8 77			10
6		2	30.32 7	16 7	6 72			10
7		2	30. 22 7	15 7	4 72		1 .	10
8		2	30.32 7				J -	10
9		1-2	30.32			0		10
10		2	30.32 7					10
11	99.04	2	30.31 7				-	10
Mid.		δ	30.30 7				-	10

, U. S. Navy. . 18 %

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

mid 6-4 a.M. high and fine G. P. S. and Calm. blear and pleasant.

J. B. Mollow, Lin. From Lto 8 a.M. From 4 to 8 a. M. blear and blearant - Galun and light variable airs.

Barmet image Franked racting house he, 24 cultur, what word - and dingly, and lot 7.01 all he show left - he ship and went about he blear returning at 8 or liver Willes, for healtfast - returning at 8 or liver Willes, for healtfast - returning at 8 or liver Willes, for healtfast - returning at 8 or liver Willes, for healtfast - returning at 8 or liver with the state of the

Trong 8 a. M. to Merid

Generally clear and pleasant. Calm to light been from II to Inale Baroneter steady At 10 o'clock hoisted abraid relie gelley Asserted on brand in Equipment Department, I Freeding Machine. Finished couldning deaks this a M. The following Gard new urse sugaged on braid in machiniste and of believe my gelly and 14 coulders beside on brand 1900 gallow fresh unter Desuperation of magazine 75° forward 71° This was and appendic such to dissing on I. S. R. F. Franklin. Business on brand stores in Ordnan Department as follows: I case of the points into case I tougan +", I apongs had 4" rand 2 tangets. Sient Comids & Mr. Hier and Lieut ON B. Cogeston, returned from leave.

7. J. Coleman Energe W.S. W. From Meriod. to 4 J. M.

Show and warn. Light air and bruye from Footh verying to the Son machinists and fow believe at work on brand on the Gally By not of the Burner of Ranges in which the Gally By note of the Standard of the Grander in Commence of the grander of the Standard Received in Commence of the Standard of the Stan Ochwane Department two hygometer from Ochrane Department of Yard. Recained from the Ch. G. R. F. Frank Di H. German, Cocuais. W. Maperton,

Eleav and pleasant Fight breeze few F. by E. Barometer steady. Received on board apare parts for the galley. Eight Kary Yerd workness on board setting up galley. There are and apprentices would be engine on the F. S. F. Franklin.

n.g. Colsman Ensign U. J. W.

From 8 P. M. to Mid.

Clear and pleasant. Light breeze from I by 6, evering to I. & M. Denknew from the Yard at work on brand on the galley. M. Ragan Copp. 3.0) returned on brand 31/2 hours over leave.

VIVI Paleerton.

Leutenant Qu. 3. N.

Examined and found to be correct.

J. B. M. illin, Navigator, Leuteward & P. N.

LOG of the United States I hip Essex Morred to Dock Chary Gard, Norfolk Cha.

Third Rate,

			Reading		WIND.				BAROME	TER	TEME	PERAT	URE.	State of	Forms of	Clear Nbs.	a Sea.
Hour.	Knota.	Tentha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leoway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by aymhols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M. 1				Ohorred to Dock	F. PU.	2			30.29					в. m	none	10	
2					£21.	1-2			30.29						*	10	1
3					balm	/			30.29							10	ı
4 5					Gaimo	0			30.30					i	,	10	
6						0			30.34			,				10	
7				-	QL. gov.	0-/			30.36	70	69	67			-	10	
8					balm.	0			30.37	72	70	68				10	
9						0			30.37	76	74	70		••		10	
10					F.W.	1-2			30.38	78	76	72		**	-	10	
11					-	1-2			30.37	78	77	72			-	10	
oon.						0-1			30.37	79	78	72				10	1

Course and distance made good since preceding noon by	observations,	knots.	tenths.
Latitude by D. R.		0 /	"
Longitude by D. R.		0 '	_ #
Position at Noon: Latitude by observations of O		0 '	#
Longitude by chronometer from For	enoon Observations of ①	0 /	"
(Latitude by		0 '	"
Position at 8 A. M. Longitude by		0 /	"
(Latitude by		0 /	"
Position at 8 P. M. Latitude by Longitude by		0 /	"
Current during the time, knots tenths per	honr, setting to the		
Error of the Compass by Azimnth ⊙ observed at	, ship's head	0 '	
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	0 4	variation used,
Error of the Compass by Azimuth O observed at	, ship's head	0 #	u .
Deviation of the Compass by Azimuth ⊙ observed at	, ship's head	0 /	variation used,
Water expended during the preceding 24 hours,		300	gallons.
Water during the preceding a	4 hours,		44
Water remaining on hand fit for use at Noon,		2700	64
Coal consumed during the preceding 24 hours,		tons	lbs.
Coal remaining on hand at Noon,		170 "2/30	4
,		,	

Р. М.								1 -	
	to Dock 19.	11	30.37	82	82	75	b. m.	none	10
2		1	30.36	82	82	75			10
3		1	30.36	82	82	75	*	-	10
4		, 1	30.36	82	82	75	-		10
5		0-/	30.35	85	73	76		,	10
6		0-1	30.35	83	81	76			10
1	balm	0	30.35	80	80	76		*	10
8		0	30.37	79	76	79			/0
9		0	30.37	78	75	78	. b. w.		10
10		0	30.37	76	74	7.7		٠.	10
11		0	30 37	75	74	74			/6
Mid,		٥	30.07	76	73	74	"		10
-	1								

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Light breeze to light rais from F. I M. and II and calmo blear and end . Heavy dew . I Marwock (b. 6. Mate) returned on brand 17 hours ovirtime . Yard men finished work on gally at 3.00.

From 4 to 8 a. C. Bleav and warm. balow to hight air from ON. F. D. Branneter viving. Ships crew and appendicio went to bransfeed on ON. F. R. F. Franklin.

73. I last smann and consideration of the small smann and consideration.

From 8 a. M. to Merid.

Clear and warm. Calm and light airs from Feb. at 9:30 had directed unspection, after which the Captain inspected ship and crewas quarters. The atlanta came in at 10 o'clock and moved to what also of us. Temperature of magazine 74: forward, 72: aft.

W. Sakerton

Dem Merid to 4 PM. Light and from Not. Clear and warm. Clumored and winded ship between 3.00 and 4.00, bringing port eide to Dock.

One Description of the Service Secretary Clumbers of Secretary Clu. S. En.

From 4 to 8 P.M. A arm and clear balow and light air from No4. The baytam prid aw official with upon the Commanding Officer of the Otlanta. W. D. Laperton. Sienteman & Siente

From & G. M. to Mid. Calin and clean. Heavy deur. Bright movelight.

General Qu. 4. 9.

Examined and found to be correct.

J. B. M. it ton, Navigator. Lieutenant M. J. M.

LOG of the UNITED STATES Phip Essex Phind Rute, Morred to Dock, and Making passage from Norfolk Ora to Newport RD.

								0	U								
			Reading		WIND.				BAROME				URE.	State of	Forms of	Hear Hear	S.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Cloude, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.				Moned to Dock	balm	0			30.34					b.w.	mone	10	
3					Fol.	0-1			30.34	72	72	71		,,		10	
3					balm	0-1			30.34	70	71	70		"		10	
6					*	0			30.36	71	73	71			:	10	
8 9						0	-		30.37	77	77	73				10	-
10					Aly D.	0			30.39	83	80	73		*		10	
Noon.					··	0-1			30.39	84	82	14	eracus:			10	

Course and distance made good since preceding noon by observations,	knots. tenths.
. (Latitude by D. R.	0 "
Longitude by D. R.	0 / 1/
Position at Noon: Latitude by observations of ②	0. / #
Longitude by chronometer from Forenoon Observations of ②	0 "
(Latitude by	0 "
Position at 8 A. M. { Latitude by Longitude by	0 "
(Latitude by Bearings and distance from Cago Henry	36056, N."
Position at 8 P. M. (Latitude by Bearings and obstance from begin Henry	76000,01.11
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Error of the Compass by Azimuth O observed at , ship's head	o ı u
Deviation of the Compass by Azimuth ⊙ observed at , ship's head .	variation used,
Water expended during the preceding 24 hours,	600 gallons.
Water Accepted during the preceding 24 hours,	980 "
Water remaining on hand fit for use at Noon,	3500 "
Coal consumed during the preceding 24 hours,	tons /600 lbs.
Coal remaining on hand at Noon,	170 " 2130 "

P. M.				0 0	1 101	1 1			A	-/			0		1
1				Moored to Dock	A set	0-1			30.37 84	86	76		b.	now	10
2				"	N	0-1			30.37 85	85	76			-	10
3				. "		0.1			30.37 86	85	76			1	10
4				Getting underway		0-1			30.35 88	85	76.		u	1 .	10
5				Standing down the	46.	0.1			30.35 84	82	76		b.m.		10
6				Elzehth Run 696 126.	East	0-1			30.30 79	80	75		4	-	/0
7				696126.	98.	1			30.29 78	79	74	4	"		10
8			38.3	€.96.126.		1			30. 28 78	79	74		٠.		10
9	6	4	447		Fouth	3	٥	0	30.27 74	75	73	70	h	- 1	10
10	6	4	51.1	*	9. by W.	3	0	0	30.26 74					1	10
11	6	6	57.6	4	J. J.	3	٥		30. 26 74						10
Mid,	6	6	64.2			3	0		30.26 74						10

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Clear. Falling dew. Calm, revassional light airs from A.V.

Dercell. Trentmant Ou. A.M.

Cresser 4 to 8 a. Cn.

Chade preparation for ea Barometer neing along. 80.B. Caperton

Lieutenant U. J. M.

NAME & U. M. is cheese. Sight air from It by the and calme. Clear and warm. Turned engine over from 10.15 to 11.15, and from them in good order. Bent for topmack staypail, jet, flying jet, top gallent early and royale and crisist royal and top gallent yards. Gard workness at work on galley. Received on brand in Equipment Dept. 980 gallow of freely water from as wrater brak. Praking preparations for eas. Desuperature of magazines 81 forward. 46 aft. One window briter it & and D. Good Rosall

Crom Merid to 4 C.M

Ocom 4 to 8 P. n.

Lieuteward V. J. M.

Very kazy. balus and light air varying firm No. to 46. at 4.00 left the Racy Gerd and stood down Andred the annul the Communicating Office coming; at 5.30 extend Bampton Rosade; at 6 25 Thinks Hosel Light born abran and est course 6.46 % 6. (p.c.) At 8.00 took departure, begin to many branches The Ob to W (p. c.) dictant I mile . Put now petent log wading 38.3. Termed brate for rea. Under steam alme. Tteam presence 57 lbs. Revolutione 41.4.

From 8 P. M. to Onid Heaven to Search and pleasant Gentle breeze from Forth to J. F. W. at 8.20 set jet fore toperate stayered and expander. At 10.15 set toperate and forest and watch under strom with free will brites F. E and D. and the following earl: jit for topenast stayered, foresil, toperate according to the following the second of the s

n. J. Coleman 6 Energy Q. S. W.

Roger Welles. Jr.

Examined and found to be correct,

Third Rate,

of the UNITED STATES Thip Essex Making passage from Overfolk, Va. to Orewsport, a.S. A. M. 25 6.96.126 South. 1-2 0 0 30.38 73 72 72 70 10 70.9 9. ly 2. 1-2 0 0 30.39 72 72 71 70 77. 1 2 0 30.39 72 73 71 70 83.5 10 9.994. 2.3 0 30.38 73 72 71 70 89.2 0 10 b.c.m. P 94. 2 0 0 30.26 72 72 70 70 91.5 W. 9 04. 0 30.24 72 72 71 70 2 0 93.5 of 04. 95.6 0 30.28 75 72 71 70 Q4. 994. 0 30.28 76 73 72 70 9 2 2 2 97.8 30.28 76 75 74 70 5 99.3 8 2 0 30.28 76 75 74 75 0 /00.3 0 0 30.27 76 76 73 76 8 2 2 0 Hauddin 0 30.27 76 76 73 76 2.3 ş 1 Noon.

6 5.2 Dictauce new by Patent Log. Course and distance made good since proceeding noon by observations, \$7/-6 Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at & A. M. { Latitude by D. R. from Departure at & P. M. June 11. Longitude by observations Position at 8 P. M. { Latitude by S. N. from from afternoon observation of Deviation of the Compass by Azimuth O observed at & G. %. , ship's head , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at , ship's head Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

68 knots. tenths. 36 038 . N. " 74 041 , 94. " 36 038 . Nr. " 74 028 , 94 . " 3604111.11.11 74 0 35 , 94. " 36 034 . N. " 74 0 12 . 84. " 4036.04. 20 25 € variation used, 300 gallons. 2700 3 tons 1846 lbs.

166 " 930

P. M.	0	9	25	98	C4.101.	2	0	0	30.26	78	78	75	78	b.o.m.	air am.strat	8	P.
2	1	0	206	,.		2	0	0	30.26	79	80	76	78			8	
هويد	ing.	1	2/6	· .	NO4. by 04.	2	0	٥	30.24	79	80	77	78			8	**
			2.8	h	પથી.	2	0	0	30.24	78	80	77	78			8	٠.
5	1	0	3. /		NG. ly E.	2	0	0	30.24	75	77	75	77		٠.	8	4.
6	0	5	Hauledin		,	0-/	0	0	30.26	76	77	75	78	bam.		8	
7	No	eter	vagewa	y		0-1	0	0	30.26	77	78	75	78			8	
8				No steerageway	balm	0	0	0	30.26	77	78	75	75	٠.	civ. oum.	8	
9					Fa. and Old.	0-1	0	0	30.22	76	77	74	75	b.c.m.w.	cure mint	6	
10				_0		0-1	0	0	30.21	76	76	74	75			4	
11				4		0-1	0		30.20						.,		
Mid.	1	5		96.	904. ly 04.	1-2	0		30.20							4	**
										1							

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Elean damp and pleasant. Eight airs from Gorth and Fly & Course 6. FE /2 E. (p. 0). At 2.55, barries new 45 miles since taking departure, etopped fring up and allowed free to die dow. This ender steam, jet, for toquast stayail topeaile formed and apacker. At 3.00 packed a steamer standing to the Wa. Thom set at 1.0 close array steam stills.

arrage revolutions 41.3 apprentices at the wheel.

Lewtenant U.S. N Light breeze from IN. and N. IV. Frais and pleasant Hazy around breeze. I smooth sea. At 4.07 strend engine and encoupled peopether. Allowed free under briler & and D, to div not and banked free under briler it. At 4.30 act together sails and expele. Fet flying fit at 7 30. At end of watch under for topmack etaysail and all plain earl to ergels except manical.

apprentices at the wheel.

Quick Cu. S. M. From 8 a. M. to Merid Clear Bary Light to gentle been from O. F. at 10 30 set eingle reefet manisail. all plain sail to royale at such of watch. Ence E. F. E. 26. with 10 o'clock, when it was changed to 98. (p. c) Branked free under boiler at all a different and Exercised Division are follows: 1st, 2nd, and 3th R. & Suns; Parder Direin, Stations at 10.45 exercised all hands shorter sail and bring ship to anchor. At 10.35 hauled in patent log reading 1.6 Hoster and at now year it one again same registry. Pragyine temperature, forward 77°, 72° after 75°, 73° appentices at the wheel bleaved bilger. Tested magazine flood cooks

and found them in working order. Herwall Lieutenant Q. J. W. Oum Merid to 4 9.9%

Mity . Eight been from O. A. M. to A. M. Baroneter felling at 12.50 exercised at man orebraid lowed life boat in 1 minute, pecked up bury in 3 minutes hauled up onced and came to with the fore yand about Depped etachous life boat to test detaching apparatus finding it worked will. From 115 to 2.15 first with lad mailinguis examinably and eignals and the third with order covered the space orgalised toppedlant yands on the muzeum mash. A 2.45 second on feel with variety called the divisions to quarter with bago which were shifted, and the dirty bago sembled Banked free in bales A. ab 155 took in agrades. apprentices at the wheel. broger Welles, Jr.

Orna 4 to 8 V. m

Greign W. F. W. Hezy and warm balow to hight breeze from N.S. by S. at 4 20 hauled down for transact starges I and at 4.35 tool in connec in order to brick clocker lines. At 70 clock fulled light earle and took two eingle reefs in togenile . Finished exculling clother and bego at 50 clock . It end of watch under jet and togenile with two eingh reefs without steerazeway. Bonce \$ 5. Banked free under boiler A. Diehling. Apprentice at the wheel.

n. J. Coleman From 8 P. M. to Bried. blondy and dang Light air from I'd and Wis until 11.45 when a light breeze exercing my from I'd by the best author with 11.15. Ence I'd Under same sail as at end of previous watch Disking until braked free under boiler it. apprentices at the wheel. 8018 Caperton

Examined and found to be correct.

Leutenant It. & N.

of the United States Thip Essex Making spassage from Phorfolk, Va., to Phenzeot. A.S.

Third Rate,

991 0 30.19 77 77 74 79 b.c.l. am. mint. 7 1 9 Heuled in 2 0 2 2 Of est 0 30.18 77 77 74 79 " St 04. 0 30.16.76 76 74 81 0.c.p.l. mint 4 ٥ 0 30.16 75 75 72 81 .. 4 0 0 30.20 75 75 73 81 0.0.4 nime. 8 9.3 4-5-0 30.20 75 75 72 80 7 15.0 4 186. by N 19.5 0 30.20 75 74 72 80 1.16 2-3 0 30.18 76 75 73 80 0.0. 20.8 404. 2-3 0 0 30.18 79 77 74 80 7 22.5 2.3 0 30.18 79 78 74 80 1 0 23.5 A by 24. 0 30.18 78 79 75 78 b.c.m. 11 2 5 26.0 0 30.17 78 79 76 79 Noon. 4 / 30./

42. 8 Distaure run by Log Course and distance made good since preceding noon by observations, \$778° 6. Latitude by D. R. Longitude by D. R. Position at Noon: Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. (Latitude by D. R. from Norm)

Longitude by observations Position at 8 P. M. Latitude by D. R. Jans Now December 0
Longitude by Gummitte Jan afterna Obernation 0 tenths per hour, setting to the \$70 . 6. Current during the time, 29 knots , ship's head Error of the Compass by Azimuth O observed at Deviation of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

80 knots. 360 10. 1 " 73 0 38 , 04. " 360 19 1 1. 11 78004,04. " 360251 1.11 73011,94.11 36002 , . 1. 11 72031 , 04. " variation used. 500 gallons.

> 800 3000

1 tons 1440 lbs

164 . 1330

33.9 У. E 30.19 79 82 77 81 b.o.m. N. NO4 3 5 37.4 30.19 79 82 79 80 8.0.3. 3 cir eum. 30.13 79 82 79 80 3.2 3 41.7 0 30.13 79 82 79 80 3 45.4 3 0 30.12 76 76 75 80 49.4 3.4 3 0 30.12 74 76 74 79 f.c.m. 3.4 4 53.0 0 30.12 73 74 73 75 b.o.m.w. 0 30.12 72 74 72 75 0.c.m. 4- kum mil. 0 3.4. 4 5 56.5 0 30.13 73 73 72 75 b.c.m. cum. 8 0 15 1.2 0 10 57.7 0 30.13 74 74 73 75 f.m. 2 0 59.1 2.4 5 0 30.13 74 74 74 75 0.0.m. 11 Mid. 4 0 60.0 5.6 5 0 30.12 74 74 73 74 b.c.m.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to H a. M. Sight breeze from 991. frist hour, vering afterwards to NI and increasing to a stiff breeze From 901. frist half, with bright mornlight Drucast last two hours with passing rain almore. Fighting to Nid. and Vid. Dut one potent leg at 3.30 reading 3.1. Thailing with fire lauked under briles it at end of witch under jet and topsails with two enigh reef.

Appendice at the wheel.

Own 4 to 8 a. M. Derical and cludy Passing above first three bours. Light to stiff breez from 1 M. hy h. to h. 16. Come 96. (p. c) at 4.30 short refer out of topicals. At 7 20 cet topicalised acide, wyell and flying jet, under their each jet at end of watch. Distilling with fire banked under boiler 1. At 5 o clock green a back standing N. N. C. appendices at the week.

From 8 a. On. to Okend.

Structural Pa. I suite breeze varying from North to N. Barmeter steady.

At 9.30 mustered at quarters and tuned in clean brage. From 9.30 to 10.40 had general exercise, sails and expens, chortund sail to bring ship to an archer, fulled all sail and thurmade all each in 4 munition.

From 10.45 to 11.45 the first and third watches had instruction in running egging.

Distilling Banked free in brites 4. at suit of watch under jit, flying jit and equal each except mainsail, on order \$15 (pc) appendix at the while I superature of magazine 12, 72 formula, 77: 73. aft.

Form Overide to 4 9 Av.

Stay and pleasant. South to light breeze from Oh 4 A to 4 A South to humanoode and diety clother. At such of watch under all plans and to enjuly except manufait and equal or course \$6. Dishilling with branched from in briler 4. Appendices at the wheel.

7. Soloman

From 4 to 8 P. M. Elendy large and damp. I suite to moderate bruger from No by Ch. Boncer F. G. Q. Ch 650 took in and failed tripcallarly sails and regult and street flying jit, took two single refer in tryindle. Distilling jith free braked under hills N. This or her comer F. G. Jo) at such of watch underzit two regions topsails and forest. Apprentices at the wheel.

W. Hafel Now.

Oran 8 (4.90. to Med. Light aire to light breys from No first half, increasing to fresh breys at end of wretch. Clear with bright moralight first two house oversat and cloudy last two boys at end of privating with fire banked under blich. It end if watch under rame each are at end of privating wretch appendicue at the what I stopped distilling at 11 o'cloud and allowed free to die at under blick to Leutenant W. I'm Leutenant W. I'm

Examined and found to be correct.

J. B. Miller & x arigator. Leitewant Ol & 9.

A. M. 3 -0 30.15 74 74 73 74 b.c.9. 5.6 5 tun mint 2 1 3 0 62.8 0 30.13 74 74 73 75 5-6 5 3 2 65.0 5-6 5 0 30.10 73 73 72 76 4 65.0 0 30.09 73 73 72 76 5 67.2 5.6 5 3/4 30.15 73 73 73 77 5 5 0.0. 4 69.6 3/4 30.15 73 73 72 76 5 5 4 73.0 3/4 30.15 73 72 70 76 76.8 ,5 3/4 30.17 73 73 70 76 0 30.18 73 73 70 76 0.c.m. 5 7 84.4 0 30.18 73 73 70 76 96. ly 6. 5.6 5 30.18 74 75 70 76 7 11 2 2 92.0 96. ly 9.

Noon. 5 6 97.6

5-6 7 1/2 30.18 74 75 70 76 8.0.

78 6 Dietan num by Petent Log Course and distance made good since preceding noon by observations, \$48.6 86 knots. 35 032 18. " Latitude by D. R. 71 056 184. " Longitude by D. R. Position at Noon: 35 0 22 1 1. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of O 71 044.94. " Position at 8 A. M. { Latitude by D. R. fund None 35 036 . W. " 71 0 56 194. " Longitude by Observations. Position at 8 P. M. Latitude by D. R. Jerne Noon afternow observation of the Constitution of the Constitut 3501711. " 71 057, 94. " tenths per hour, setting to the 943 6. Corrent during the time, /4 knots , ship's head Error of the Compass by Azimnth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at variation used. Error of the Compass by Azimnth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimnth ⊙ observed at 6 0 0 gallons. Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, 400 2800 Water remaining on hand fit for use at Noon, tous / 280 Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 164" 450

P. M.															-		
1	6	1	3.7	96. ly 9.	1.16.	5.6	7	1	30.17	74	76	70	76	b.c.	Cir. oum.	5	C.
2	4	0	7.7	4.18.1604.	16. by 6.	5.6	,	6	30.16	74	73	67	76		1 .	6	80
3	٥	1	8.0			5.6	1	8	30.15	74	72	67	75			5	
4	0	6	8.4	**		5.6	1	8	30.15	72	71	66	74		٠.	5	
5	1	2	8.5	1.194.		5.6	6-10	4	30.20	72	71	66	75			6	49
6	1	5	8.5			5.6	6-10	4	30.22	71	70	65	75		٠.	6	**
7	1	4	Hauled in .	44		5-6	6-10	4	30.25	70	69	64	76			6	40
8	1	6		6.		5.6	6-10	4	30.24	70	69	64	76			6	
9	1	4		٠.	**	5	6-10	4	30.24	70	70	64	76		eum.	8	M.
10	1	4				5	6-10	4	30.24	70	70	63	76			8	-
11	1	4		4,		5	6-10	4	30.24	70	70	63	76	.,		8	-
Mid.	1	4	-			5	6-10	4	30.24	70	70	63	76			8	*
-																	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Chady to clear. Stiff to fresh breeze in equally from No. Morderate sea from No. Comme Fo (pt.) Under jet, forward and double regular tograde Patient bog not regulating correctly, due to sea used fulling propeller. apprentices at the wheel.

From 4 to 8 a. Mr.

Herell Tientenant W. J. W.

Roger Weller, for

Overcast Itiff breen from N.E. Baroneter rising. Under jet, double reefed topsails, forward on enemy T.E. (p.c.). appendicus at the wheel.

From 8 a M. to Merid.

O Guign W. F. Gr. Orward and hazy at first cleaning toward latter part of watch. Flift to fresh been from NE. I to NE. Barometer ateady. Moderate to engle sea from NE. This volling and pitching considerably, maximum observed well 203. At 9.30 mintered even at quarter and tuned in clean hammocks, and from 9.45 to 11.40, 1st and 2rd Direins were instructed in seamanchy knothing

and explusing hall and expant by dincional officers as 8 45 turned self interfet togrand, and set for typing hall and expansely discovered into a single set and set spanker. At 10.15 took in manuscal, how to with main togrand to the mast and lovered less life book to piece up cat. At 11 o clock brieful life book and howard ship to the wast and lovered less life book to piece up cat. At 11 o clock brieful life book and howard ship to consider the present and place will to togrande trappended one in manuscal with for togrand staymal by the unid no pool touch hading \$6. by 9. Come \$6 appendices

at the whole Temperature of magazines 77° 44°, forward, 76° 74°, aft.

n. J. Coleman,

From Merid to 4 P.M.

Euseyn U. J. N.

Prair and pleasant. Itely to feel breeze from N. N. E., Mening to N. E. & Eone J. E. (go) 2016 we maintail at 12:30. At 10 m. wor ship, after which had for atom etaperil and the storm myzer. The 3th and 4th periode were detected to warmy ship, landing atom earle and at 1:30 chrotiened early tron clare we main topsail and layed ship to a starband tack under for topmach stayeal for atom stayears, clar who main topsail and storm myzer. At 3:00 services all both for topmach stayears for arming and away all both for the their escreen. The appendicts at the whele This prolling depty at time to a right see from Vid and Es. Cathern will to be suggested 18:2 and to unadwred 8.2 Ea. Extreme will to becaused 18° and to unadward 8°.

Dunu 4 to 8 4.9%

Fift to feel breey from No by 6. Fair and cook Rough era. This willing deeply at entender at 5 30 hauled not foot of main tryail. Tent down royal yards at 7.15. We such of watch bring to under fore topmach stayears, for storm stayears, class neefed main topears, fort of main tryears and atom muyen. appentices at the wheel.

Gentlewit W. 8 n From 8 P.M. to Phid.

Show Fiff brey from 45 by 6. Few moderating . Laying to under same sail are preceding watch. a eteamer green about 9:15 heading to Fire and Wid apprentice at the what.

Derrall, " Lieutenant M. J. N.

Examined and found to be correct.

J. B. Me elter, Savigator.

LOG of the UNITED STATES I hip Essex Phird Rate, Making passage from Profolk, Va., to Cheupport, R.I.

			Reading		WIND.				BAROMI	ETER	TEM	PERA?	TURE.			Prar.	100
Honr.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles 8ky, in 10th	Statengeha
A. M.																	
1	2.	2	Tracked in.	1.19.	A 6. by 6.	4	7-10	4	30.26	70	69	63	74	b.c.	circum.	9	£
2	1	2			'	4	6-10	4	30.29	71	69	64	74	**	*	8	1.
3	1	2				4	6-10	4	30.28	71	69	64	74		11	8	
4	/	0	-			3	15-15	4	30.29	70	69	64	74			9	
5	1	0		19. ly 1.		3	10-10	2	30.29	70	69	64	74			8	١.
6	1	0		~ "		3	10-10		30.30					•	A0	8	٨.
7	٥	2.	-	A by 94.	-	2	7-10		30.33						4	7	-
8	٥	2		4/2 %.	6. 16.	2	2.2		3035					**	~	8	-
9	٥	4	-	It by Ox.		2	5	6	30.36	70	71	64	75			9	
10	0	4				2_	٤ -		30.35					-		8	
11	0	4	8.6			2	5		30.86					٠.		9	
oon.	2	0	10.6			2	•	2	30.36	73	73	66	75	*		9	

32. 3 Distance run by Log Course and distance made good since preceding noon by observations, J. 69:94. 33 knots. 35 023 ' Nr. " Latitude by D. R. Longitude by D. R. 72 014 . 7. " Position at Noon: Latitude by observations of ① 35 0 33 ' N. " Longitude by chronometer from Forenoon Observations of ⊙ 72 0 23 1 94. " Position at 8 A.M. Latitude by D. R. from Aone 35032 1 Jr. " Longitude by observation 72 020 194. " Position at 8 P. M. Latitude by D. R. from Nom/
Position at 8 P. M. Longitude by Llemmenter from Afternoon observation O
Commont during the time. 12 knots tenths per-hour, setting to the Not 2. 35 0 45 M. " 72031124. " Figure of the Compass by Azimnth © observed at 8.20(1/2, ship's head I by W. 50 12 94. variation used, 6-00 94 Deviation of the Compass by Azimuth @ observed at 8.20 @ , ship's head 41.6 Fau. Sezor of the Compass by Azimuth ⊙ observed at 33 (€ 9, ship's head 1, 1/2 94. 5.59 94. " ° 51 . 6 variation used, 6000 .24 Deviation of the Compass by Azimuth @ observed at 3.31 7 12, ship's head 400 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 2400 Coal consumed during the preceding 24 hours, tons 240 lbs.

164 - 210

-	-	-				-	-	-			-	- SHAPE N	1000	THE REAL PROPERTY.	A COMPANY OF THE PARTY OF THE P	1	-
P. M.									1								
1	2	0	10.6	1. /2 04.	6.48	2	4-6	2,	30.36	73	73	66	76	b.c.	cum.	9	L.
2	2	2	10.7	*	4	2	5-6	2	30.36	73	73	66	76		cit. eum.	9	
3	2	2	10.8			2	6.6	2	30.36	73	73	66	76		-	9	
4	٤	٥	10.8	Jonath .		2	4.6	2	30 36	73	12	66	76			9	4-
5	1	7	Harled in	1.46.126	Gast	2.3	3-5	2,	30.36	74	72	66	76	-9		9	
6	1	, 3			6.96.	2-3	3-5-	2	30.35	74	72	66	75			9	
7	/	0			96 ly 6	2.3	3.5	2	30.35	74	72	66	75	~		9	14
8	0	7			1	2.3	3-5-	2	30:34	73	71	65	75			9	2
9	0	6		16. by 1.	9. G.				30.04							9	
10	0	6	~	6. 16.	-	2	0	2	30.34	72	70	64	75	4	-	9	~
11	0	6	-		-	2	0	2	30. 33	72	70	64	75	*9		9	
Mid.	0	6				2/	O		30.32							9	
																	-

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midwight to 4 a. M

Clear and pleasant Moderate to gentle breye from N. E. by E. Barmeter rising. Those set at 2.30. Appendice at the wheel Lying to under for topmast and for atom stayoute, class refid main topsail, atom negzin and for of main trysail.

Roger Welles In. Firm 4 to 8 Q. M. ... Castrally cloudy and pleasant. Eight to quite brey from N. 6. by 6. B arometer riving Saip rolling considerably to long with from N. 6: marrinum observed will re? . At end of watch include for topmant stampaid, for atriu atripial, main tripial into head hauled draw close reful main tripials and stown neight, lying to in starboard tack heading & 12 N. 6 mier 6. by N. apprentice is the

n. 9. Colman

From 8 a. M. to Mend

Eurige U. S. M. Clear, warm and pleasant. Breeze light from 6. N.E. Course & by li (go) Oh 9 30 mustered at quarters. Of 9.45 Cleaned ship for action; then wind to be used quarters and irrecond over. I must guarters and irrecond over. I must guarter and irrecond over. I must guarter and if a must guarter and irrecond over. I must guarter and after a must guarter and a must guarter and a must guarter and a must guarter and a must guarter of a must guarter of a second o with single net in manuscil. At ends of writer ship by the winds on starboard task under for topmast starpail and all plane with to topgallant sails, everyt swipt net in mainsail. At 11.14 pech one patent log reading 8.6 miles. Appendicus at the while I supportance of may gone 77°, 74°, forward, 76°, 74° aft F. Peny (2.74.20) and J. & Johnson (yea) regented the expiration of their terms of inhertures. W. B. Caperlow.

Fine Operid to # P. ?

Eight brew from E. V. E. blear, warm and pleasant. Eng evall from Nid. and EN.

By the wind on starband tack under same rate as a end of presenting writer. Instruction 114 and EN.

watcher from 1.15 to 3.30 in examenably, strapping block, hunte, ephici and quested instruction A 3.40

anumeted five alarm and enroused at five quarter Junairi gave ingaged walauling and lubreating

4 wich le 3 normal No. 23, fort, formad) By users of expectation of substituents. Then Pray E. M. 20, and J. M.

Johnson (Geoman) unit poid in full and honorably dicharged, the forms with Continuous Terries bestfirst No.

9728. Apy waters at the wheel. 9728. apprentices at the wheel. garbean,

Jun 4 to 8 J.M.

Lieutewant U. J. M. bleau. Light and gentle begge from East to 96. by 6. brew 6. by 1. By the world under all plain sail to topgellant sails, with single negled manuscil until 7 P.M., when topgellant sails were fully and 5 P.M., regestuing 10.8 knote. appendix at the world.

From 8 9 m. to mid

Lieutewant N. J. M. blear and pleasant. Light been from FG. Barometer falling. Ander double refer topicale forwall single referd manusail, jet, for topical stayant rand expansion by the wind on the standard tack. Some G. by M. (pc). apprentice at the wheel.

Examined and found to be correct.

Roger Welles, Jr., Ensyn V. F. N. J. B. Me ellere, Navigator.

LOG of the UNITED STATES Ship Essex Phira Rate, Making passage from Profolk Cla. to Prewport R. I.

-				4 0	U				-		- 0						
			Reading		WIND.				BAROMI	ETER	TEM	PERA	TURE.			lear the.	ag .
Hour.	Knots.	Touthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Porce.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.																	
1	8	3	Howled in.	6 by 16	9 kg 6.	3	3.5	1/2	30.3/	72	71	66	75	b.c.	Cum.	7	9.
2	1	4	. 1			3-2	3-5		30.3/							7	-
3	1	3				3-2	3-5		30.31						**	7	
4	1	5			J. 8 %.	3-2	3-5	0	30.30	72	71	66	75		cum etral	7	
5	1	0		6.	- 4-	2	3-4	0	30.30	71	70	66	75		Cir. oum.	5	L
6	0	6			PU.	1	3-4	0	30.30	71	71	67	75			5	
7	1	2		- 1	M. 9 W.	2	7-5	0	30.31	72	70	67	75	٠,		7	
8	1	0				2	7-5	0	30.33	72	70	66	75	-		7	
9	J	4				. 2	5	٥	30.33	72	70	68	75	-		7	
10	1	4	•	٠.	••	2	٤	0	30.34	74	73	69	74		-	6	
11	1	6		4		2	5	0	30.35	75	75	70	73		١.,	4	
Noon.	1	6			991. by 94.	3	5	٥	30.35	75	75	70	72		٠.	5	
																	-

30. 8 Distance new by Log. Course and distance made good since preceding noon by observations, \$\square\$28 6. 42 knots. 35 051 1 1. " Latitude by D. R. Longitude by D. R. 72 0 08 194. " Position at Noon: Latitude by observations of O 36 0 09 1 1. " Longitude by chronometer from Forenoon Observations of ② 71 0 58 19%. " Position at 8 A.M. Latitude by D.R. from None Longitude by Posteration 30 0 07 1 1. " 72 005 94." Position at 8 P. M. {Latitude by D. R. furner Norm

**Longitude by Charmonatar furne afternorm observations of 36 0 15 . N. " 71 023 194. " Correct during the time, 17 knots tenths per hour, setting to the 4. 20 6. Claw. Exter of the Compass by Azimuth @ observed at 3.30 Mg, ship's head & ly M. 8 . 27 . 04. Deviation of the Compass by Azimnth O observed at 3.30 Pm, ship's head 3 52 1. variation used, 7 000 %. Error of the Compass by Azimnth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimnth @ observed at variation used, o 450 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1950 tons 240 lbs. Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 163 - 2210

Р. М.								1	1							
1	2	3	Houled in	6 by N.	9.904.	3			30.31 75	7.5	70	77	le o	cir. oum	2	£
2			"				0		30.29 75							
	2				**	3			30.2875				6.		7	
4	2	9	10.2	4		3.4	0	0	30.25-75	75-	70	76			8	
5	2	5	12.8	*	991. ly 9.	3	0	0	30.25 75	75	70	76			8	
6	2	9	15.7		0	4	0	0	30.25-74	74	69	76			8	-
7	3	5	19.5			4	0	٥	30.25 74	73	69	75			9	
8	3	3	22.8			4	0	0	30.25-73	73	69	75	_		9	
9	3	1	25.9	*	J.94.	4	9	0	36.29 73	73	69	74	-		8	
10	3	7	25.9		,	4	0		30.30 73					.,	8	
11	3	7	296			4	٥		30. 31 73						6	
Mid.	3	7	31.5	1.0	**	4	0	0	30.31 73	73	69	75			9	
-	,															

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a m

Faith cloudy and pleasant. Throwlight at time. Light to gentle brege from Fly & to I For Baronete steady. At 3.15 took in synaher. Throw set at 3.15. Bt end of watch under double respectly foresall, single respect manusall, for topmart stayeail and jet, on course & by the Apprentice at the wheel. n. J. Coman

Eurign W. S. W. Generally clear and pleasant. Phind light from S. F. W. wring to M. F. Long awel from E. S. E. appendices at the what. Under same east we at end of previous watch. Come G. by V (p.c.) Wil Caperlow.

From 8 a. M. to Merid.

Leutenant U. J. N. Eight to gentle brey from Or. III and II by W. Fair and pleasant On conce 6 by S. under same sails as in preceding watch By order of Commanding Officer released from confinement E. D. BeekHO (P. M. 14), and I Stord (B.M. 14), their terms having experied. Apprentices at the wheel Temperature of magazine 17°, 74° forward, 76°, 74° aft.

Orom Merid to 4 4. m. blear. Gentle to moderate breeze from 9.9%. bonce 6. by b (p.) Under sail as in presenting watch . At 1.9 m. pepils up all bage. At 1.30 inspected bage by Duremal Officeis and took account of clothing and small stor requisitions! Thrown Peny (B. B. 2.0) and J. M. Johnson (Fra.) re-enlisted to serve for three years from this date. Apprentices at the wheel.

Eleav and pleasant. Moderate brew from FO by I. Barometer steady. At 6 30 fulled mainsail, took a enigle reef in foresail and sent down topgallant yards. At end of watch under jet, fore topmant stayeast doubte refre topmand enigle reefed foresail. Some E. by I. (p.c.) appendice at the while Comput out hilge. A four martid schomer passed active etauding to the Instituted.

Roser Welles, Ir. Lieutenant Ol. J. W. From 4 to 8 P. M From & J.M. to Mid.

Blav and pleasant. Bright mornlight. Throtest been from S. D. Barmeter rieing. At 10 o clock bauled in patent bog and found it fort; cleased it and put it our ugain reading 25 g. A end of write under double reflect typically jet, for topmach etapsail and single neefed forevail on course 6. by A. appendicin at the wheel.

M. J. Codeman Eneign W. J. W.

LOG of the UNITED STATES Thip Essex Phud Rute, Making passage from Norfolk Va., to Chewport R.S.

	-	-			U				-		_	-				_	_
			Reading		WIND,				BAROMI	STER.	TEM	PERAT	URE.	State of	Forms of	Clear 10ths.	Sea
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8 8ky, in 10	State of the S
A. M.															cir.		
1	4	8	31.5	6. by 1.	FW.	4	0	0	30.26	73	73	72	76	b.c.ur.		. 9	L
2	4	5	36.0	,		4	0	0	30.27	73	73	72	76		" -	9	-
3	4	5	40.5			4	0	0	30.29	73	73	72	76			9	
4	4	7	45.2		• :	4	٥	0	30.29	73	73	72	76	10		9	
5	4	3	49.5			4	٥	٥	30.29	73	73	70	75	b.c.	cit. cum.	6	M.
6	4	5	53.3			4	0	0	30.28	73	73	69	75	4.		8	4
7	4	4	57.3			4	0	0	30.29	74	73	70	76		cum.	4	4
8	4	. 1	61.0	6.		4	0	0	30.30	76	77	73	76		-	4	-
9	4	0	63.7		**	4	4	0	30.30	76	76	72	76	b. z	none	10	
10	1,	2-	65.6	1.196.	04.5.94.	4	4	3/4	30.29	76	77	72	76		-	10	٠.
11	3	4	67.9		*	8	5	2	30.30	76	77	73	76			10	
Noon.	3	5	71.1			5	5	2	30.30	77	78	74	76	~		10	
	e /		~				_			-		-					

86. 4 Dietaur new by Log Course and distance made good since preceding uoon by observations, \$69 -6. //6 knots. tenths. 36 · 37 · N. " Latitude by D. R. 70 021 194. " Longitude by D. R. Position at Noon: { Latitude by observations of O 3604911 " Longitude by chronometer from Forenoon Observations of O 69043194." Position at 8 A. M. Latitude by D. R. fund Norw Longitude by observation 36 0 40 4. " 70 ° 21 'W. " Position at 8 P. M. { Latitude by D. R. from Nome | Afternoon Observation 0 37006 . " 690 53 . 04. " Correct during the time, 32 knots tenths per hour, setting to the & 66 6 There of the Compass by Azimuth O observed at 3.30 (Mg., ship's head I Ok. by A. 11014 94 Deviation of the Compass by Azimuth ⊙ observed at 3.30 (7 , ship's head 4 ° 47 '%. variation used, 9 00 %. Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head variation used, 0 Deviation of the Compass by Azimuth O observed at Water expended during the preceding 24 hours, 400 gallons. during the preceding 24 hours, Water remaining on hand fit for use at Noon, 1550 Coal consumed during the preceding 24 hours, tons 240 lbs Coal remaining on hand at Noon, 163 " 1970

P. M.														1			
			73.3	1.491. 194.ly 1.	01.991.	5	5.10	_/	30.30	78	79	74	76	b.c.m.	cir.	4	M.
2	2	6	76.9	. 0		5	8-10	1	30.28	79	80	74	76			5	~
3	3	٥	79.9				6-10		30.219							9	٠.
4	l.	4	82.3			5	5.8	1	30.29	79	79	75	78		eir. cum	9	44
5	2	8	85.1		991. by 94.	5.6	7	1/2	30.25	79	79	75	78		cum.	8	
6	2	7	87.8			5.6	7									4	.,
7	2,	0	89.0			5.6	6	1/2	30.25	77	77	73	78	6.0. m.w.	٠.	4	-
8	1	8	90.2	**		4.5	6	1/2	30.25	76	76	78	79	.,	٠. ا	4	
9	2	0	90.7	**		4.5	7	3	30.26	76	76	73	80	b.c.w.	crow wind	3	
10	2	0	Thouled in			4.5	7	3	30.26	76	76	73	80		-	4	
11	2	2	. "			4.5	7		30.26			,			•	4	
Mid.	2	4	••			4.5	7		30.26						*	4]
																	-

Gen Rouse

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.M. Characte brever from F.C. Course E. Cy Vr. (pc) Long will from Fd. and Vd. Fleip under jet. for topmark stayeail, doubte respect topeasts and single respect forward. apprentises at the wheel

Moderate breen from In. Fair and pleasant. Under same sail as in specialing watch. appendice at the wheel.

Lieutenant U. J. D. Osom 8 a. M. to Okered Concer to N. A. M. p. o. and set spanker. Cluder same sail as in proceeding water with the addition of the spanker. Pardenate sea from Old. We go so imposed as guarter. Commanding Officer inspected alignment com. apprentice at the wheel. Temperature of magaziner 7°, 74°, forward, 76°, 74° of the wheel.

Herrall, Lieutenant Dr. J. N. Lever from (4.94. Bavoneter steady. Index jet, for topmast stayail, double reefed topeacle, enigle neefed foresail and agander. At 12.40 changed corner to 4.94 by N. (ye.c.), patent by reading 73.3. appendices at the wheel. At end of watch two brigailiness in eight on port brain. Orma Merid to + PM.

Koger Welles Ja. Ensign Qu. F. W. Oum 4 to 8 9. m Exchanged colow with an English bregarius voluich powed action heading to by the Barrenter steady. Exchanged colow with an English bregarius voluich powed action heading to the Made Made Charles and En Manuel and for topsail, claw suffed main topsail and set main topsail. It end of watch under july, for topsail staysail when a suffed main topsail, main topsail and eparter heading come & by I. by M. appendicular when when the suffer main topsails with and eparter heading come & M. by M. appendicular when

Drow & P.M. to Miss.

Checky and thereteing raw. Inderto to stiff been from IN by & Rendre closely and early presence over from I'd. and Old. This on course Not by N. (pc) under same sail as at such of previous watch. appendicio at the whal Hauled in patent by at 9.15 m account of its bring forless.

W. A. C. At I to-W.B. Caperton.

Examined and found to be correct.

LOG of the UNITED STATES Phip OSSEX Phird Rate, Making passage from Phorfolk, Va., to Phenoport, R.S.

			Reading		WIND.				BAROME	ETER	TEMP	ERAT	URE.			lear ths.	8
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compans.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Snrface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cle Sky, in 10th	State of the 8
А. М.	-					1											
1	,	6.	Hauled in	No O4. by No.	99. by 94.	4	5	3	30.32	75	76	73	80	b.c.	cum. arind	4.4	u
2	2	0		0		5	5	3	30.32						4	4	1.
3	2	0			(W. F. W.	4	5	3	30.31						٠,	6	
4	٤	0	- 1	*		4	5	3	30.31	75	76	73	80	- 6		8	ĮĮ.
5	2	2			FW. by 94.	4	4	3	30.30	75	75	71	79	"	cir. cum	6	9
6	2	2		**	. 0	4	4	3	30.29				79	4		6	N.
7	2	0	.	-		. 4	4	3	30-31				70			7	g.
8	1	7			Q1. FU.	4	4	3	30.33	72	73	70	69		. 1	6	ı,
9	2	0			904. by 94.	3	4	1	30.34	73	73	70	72		-	6	Į.
10	2,	٥				3	4	1	30.35	73	74	71	70	•		9	ŀ
11	-	-	- "	Laying to		3	0	-	30.36				70			9	1.
Noon.	0	6		9.46.		3	2	1	30.36	75	75	72	71			9	

Course and distance	e made good since preceding noon by observations, & 15 6.	75 knots. tenths.
	Latitude by D. R.	37 ° 35 'A. "
	Longitude by D. R.	37 ° 35' M. " 7 ° ° 02 'M. "
Position at Noon:	Latitude by observations of O	38 002 1 1. "
	Longitude by chronometer from Forenoon Observations of ②	69 020 194. "
D-1/1	Latitude by D. R. from Noon Longitude by observation	37 058 14. "
Position at 8 A. M.	Longitude by observation	69017194 "
Desiries at 0 D M	(Latinde by D. R. from Norm) (Longitude by Chemometer from Afternoon observation)	37040 . "
Position at 8 P. M.	Longitude by Chemometer from afternoon observation	0 680 16, 94. "
Current during the	time, 43 knots tenths per hour, setting to the \$\int_{52}\$	e 6.
Brror of the Compa	ass by Azimuth © observed at 8.20 Q.M., ship's head \sqrt{N} . 3/4	1. 8°34' QL.
Deviation of the Co	mpass by Azimuth ⊙ observed at 8.200.00, ship's head	1 ° 17 ' W. variation used, 9 ° 40 ' W.
Error of the Compa	ass by Azimuth O observed at 3.40 P. 1, ship's head \$6. by	1 ° 17 ' 21. variation used, 9 ° 40 ' 31
Deviation of the Co	ompass by Azimuth O observed at 3. 40 0. ship's head	3 48 6. variation used, 10 0 12 0 94
Water expended du	ring the preceding 24 hours,	350 gallons.
Water	during the preceding 24 hours,	# · · · · · · · · · · · · · · · · · · ·
Water remaining or	n hand fit for use at Noon,	1200 "
Coal consumed dur	ng the preceding 24 hours,	- tons 240 lbs.
Coal remaining on	hand at Noon,	163 " 1730 "

РМ			91. 4						
			93.4	96.12 9.	ga.	5	3	1/2 30.35 76 76 73 71 b.e. cir. cir.	9/2
			98.0	, 9 6. 14 P.		5		1/2 30.35 76 76 73 71	
3	8	0	3.0	98.1/2 6.	\$04. by 9.	5	à	1/2 30.35 77 77 73 79 7	
4	5	2	8.2	96. by 6.	9.9 %.	4	3	1/2 30.35-77 77 74 79 " civicum, 7	
			13.3	"		4	4	3/4 30.36 76 76 74 77 etint. 4	
-6	4	7	18.0			4	4	3/4 30.37 75 75 73 75 6	-
7	4	4	22.4			4	4	3/430.37 74 73 71 72 . 4	
8	0.1	7	24.1	96.126		3.4	3	1/2 30.35 73 72 70 72 " 5	
9	2	2	26.3	96. ly 6.	**	4	3	1/2 30.36 73 72 70 72 B.cw . 7	· f.
10	2,	4	26.9			4	3	1/2 30.36 73 72 70 79 5	
11	2	2	28.9	96. by 6.12 6.	7	4	3	1/2 30.36 75 75 73 79 " " " "	
Mid	2	٥	31.0	98. ly 6.		4	3	11/2 30.37 75 75 73 79 0.0 0	"

Herell,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m. Stiff to moderate brey from I'M by & and Ch. I'M. Frair and pleasant Bright mornlight. On corner & Bh & Dr. render fit, for topment staysail, main trysail, exauster and close refle main topsail appelation at the wheel.

Leutenant V. J. N. Oum + to 8 a.m blean. Thodevate been from I & by & and Oh. F. D. Bones N. Oh. by & Goe & Gender came sail as in preciding watch. Thom set about 4.15 a. Mr. appendice at the Lohel. Imperative of sea water fell enddedly 9° at 7 a. Mr.

Lieutenant U. J. W. Orm 8 a. M. to Merid blear and pleasant Gentle breeze from 99 by W. Baroneter ricing. at 9:30 mustered at quarters. At 9.45 called all hauds now topgallant and royal yards, and made earl to mysle, shaking out all refu except a single reef in manual . For it we the main tryiail At 10.10 for hauled ship and brought her by the wind on the starband tack heading I FE at 10.45 eighting something that sypeased like the bottom of a ship has to with the main aback horred food life boat, with Saint Especton in charge who found the object to be a barge stead externe what Britted life boat about 10.40 and felled away in the starband tack at 11.45 apprentices at the wheel Demperature of magazines 77 = , 74° forward, 76° 74°, aft.

Cloger Welles In Dem Merid to 4 P. 9 n.

Charley and pleasant Tiff to moderate been from \$24 to \$ 90 Bravements eteady. At 2.30 hauled down flying jit. From 1.15 to 3.30 the apprention of 1th watcher unituated in itapping blocks, general warmenship and generally durinal officer; 2 apprentices from each division were not with a pluning were when At 20 clock changed corner to 80 h by \$1.04 and of division were until plane said to suyely sweeps flying jet and awallo cas in manisal, heading \$15 h 6. Consention as the wall, weeps flying jet and awallo cas in manisal, heading 96. by 6. apprentices at the wheel. n. J. Colman

Dair damp and pleasant. Moderate breeze from F.F. Onoderate eea Geom Id. and Old. at 6 45 took in and fulled topgallant early and royals and stood flying jet, took two engly reefe in topsails, we seef in foresails and send olm topgallant and royal yards. apprentices at the wheel. Some Fox by I. (p.c.) at end of watch come ship by the send on starboard tack, under it to work to be send of the send of watch come this by the send on starboard tack, under jet for tramach stayears, two enigle ref in topeails, enigle reef in conner and appropriate into in.

Lieutenant U. J. Ok. From 8 P. M. to Mid Onderate breeze from F. I I. bloody with moon showing at intervale free three bone orwest last knew. By the word or starband tack under jul, for topmest stayeal, main typical, spanler, enigh reefed conver and double seefed topsale. Let the man trysail at \$ 10. apprentises at the wheel. Quo R Comment V. 900

Examined and found to be correct.

LOG of the UNITED STATES

of the United States Ship Essex Phird Rute, Making passage from Norfolk Va to Newport R. S.

			Rending		WIND.				BAROMI	ETER.	TEME	ERAT	TURE.	State of		lear the	\$
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
А. М.																	
1	,	7	32.0	96.126.	92 by 9.	4	5	1/2	30.37	75	75	75	80	b.e.	eum.	3	8.
. 2	1	8	33.1			4	5	11/2	30.37	75	75	75	80	.,	"	3	8.0
3	2	1	33.9		"	4	4	11/2	30 .37	75	75	75	80	.,	4	3	٠,
4	2	5	34.0		60	4	4	1/2	30.37	75	75	75	80		- "	2	
5	2	5	34.3	. "		3	3	11/2	30.42	75	75	74	79		Course , series	4.3	81
6	2	0	36.3	96/29.	YW.	3	3	1/2	3043	75	75	73	79			1	
7	1	3	36 9	96.49	. "	3	3	1/2	30.44	75	75	72	79		"	1	
8	1	5	37.5	96.	991. by J.	3	3	1/2	30.45	75	75	72	79			1	
9	1	9	38.2	96.129.	,,0	3	3	11/2	30 46	75	75	72	79			2	
10 °	1	6	88.2	96.	**	3	3	1/2	3047	76	75	71	79		"Cir. cum	4	1.
11	2	1	38.2		G. F. N.	3	3	1/2	30.49	77	76	72	79	4		7	~
Noon.	3	3	41.5	6.96.	I by W.	3	4	1/2	30.50	77	76	72	80	**	-	8	

68. 7 Div	tauce run by Log.	
Course and distance	te made good since preceding noon by observations, 98726.	140 knots.
	Latitude by D. R.	37 0 80 1.
Position at Noon:	Longitude by D. R.	67 0 38 "
Position at Noon:	Latitude by observations of ②	37056
	Longitude by chronometer from Porenoon Observations of ②	66 014 1
Desition at 0 A M	Latitude by G. U. from None Longitude by observation	37 ° 30 ′ . 37 ° 56 ′ . 66 ° 14 ′ . 37 ° 58 ′ .
Position at a A. M.	Longitude by observation	66 025'
Docition at 9 D M	Latitude by D. R. from Norw Longitude by D. R. from Norw	37 057 1
rosition at a r. M.	Longitude by D. R. from Nom	66 040
	time, 70 knots tenths per hour, setting to the 1682	6 .
	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 . /
Error of the Compe	ass by Azimuth ⊙ observed at , ship's head	-6 1
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 ,
Water expended du	ring the preceding 24 hours,	400
Water	during the preceding 24 hours,	

Water remaining on hand fit for use at Noon,

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

66 025 94. " 37 057 1 " 66 0 40 2." variation used, variation used, 400 gallons. 800 " tons 240 lbs.

163 " 1490 "

tenths. 37 0 30 ' N. " 67 0 38 . 94. " 37 ° 56 ' N. " 66 ° 14 ' N. " 37 058 · N. "

Р. М.			1			11			1							DUP TOP TO
1	5	7	47.2	& by 9	South	4	5	1/2	30 49 77	76	72	80	b.c.	Cum.	4	9
2	3	1	50.9	2. 4 4. 2.	994 by S.	4	5		30.48 77						4	
			56.8	West.	1 8 by 24.	4	5	1	30.4877	76	72	79			2	
4	3	8	596	Ob. ly A.	4.9.2.	4	5	1	30.46 77	76	72	79	b.e.w.		2	
5	3	8	63.4	,,	*	4	4	1	30.46 77	76	72	79	b.c.	circum.	1	
6	4	0	67.4	04:14 N		4	4		30.46 76					stret.	1	~
7	3	6	71.0	Hest	9. by W.	4	4	1	30.4676	76	72	79		"	4	
8	3	٥	786	94 /2 g.		3	4	1	30.46 75	76	71	79	*		3	**
9	2	9	762	94 /2 N	f. 9 %.	3	4	1	30.47 74	75	71	79	9	cir. cum	7	*
10	3	0	78 9	"	• *				30.4774							
			812	*1	**	3	4	/	30 47 74	75	71	79	4			
Mid.	2	6	82.1	OH 14 M.		3	4	1	30 4774	76	71	79		•.	4	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to # a. M. Cloudy Moderate breen from IN by I. Come IN by I. By the would under same sail as he precising watch. Apprentices at the whal.

Drow 4 to 8 a. M. Elndy. Gentle brew from IN. to I'M by I Baroneter newy Under jet, for topmant stayout, dribbe neefed topeacle, enigh neefed consecumain trypic and apparation of the while.

Once I'm less be.

Drom 8 a. M. to Merid Partly cloudy and pleasant Gentle breeze from The by I to Fly I Barente rising. at 9 30 mustered Lew at quarters and had durisinal institution until 10.45. Naugatoris division regard apare toppgallant yard as crosspack yard. At 11.15 called all hands cross toppellant and royal yards and made all plans and to engale. At end of watch under all plans sail to engale everys sugle need in manusail with for topmast staypail heading 6.96. Course 90, 9, 3. Apprentices at the which I engage 18. 76. forward, 76. 94. aft. Tested magazine and shell some flood costs and found there in working order. n. T. bot sman

From Meriod. to 4 99M Ousign Q. J. W. Come therew. so in the Colondy, damp and pleasant. Morderate breezes from Forth, verring to F. Feb. Comment Forth, by F. (p.c.) at 10 clock box hauled ship and brought her on part tack at 2 2 25 took in and fulled edges and stored flying git. 3rd period, the 1ch watch had dismounting Articlew Reflewand botto (D. a) Revolvers and 2 weter had mailinguite seamantly and signal is a private from 230 to 315, 14 watch had same as 3. prich and also markened blad below head and log and 2rd watch had growing, 5th period from 3.30 to 40 clock 14 watch had below head and log and 2rd watch had lead and log. Summer Lang engaged in ornhauling and lutricating 4 Month 43, of the after standard 4 12. 9. Sum, By other of Captain J. 94 Johnson was noted from Teaman to Jemman to date from June 17, 1894 At and of watch ship on port took by the wind under for topmast to date from June 17, 1894 At and of watch ship on port took by the wind (Caputities at stayearl and all plain earl to top allant early, except engle neef in maineail appentice at the wheel. W.K. aperton.

Dum 4 to 8 4.9% Product to gutte buy from F. 8 % and Fly %. Cloudy first half, partly cleaning last two hours. Imorth sea. at 6.50 took a single nef in the topsails and set topgallant sails one the topsails. Set the main trysail at 730 a end of watch by the wind on part tack under jet for topmart staysail, main trysail, apauker topgallant sails, foreail, single nefed maineail and anigh nefed topsails apprentice at the wheel.

From 8 G.M. to Mid. Lieutenant U. F. R. Dair to clear. Gentle brey from F. 9%. Corner 90% by G. (see) By the wind under same sail as in proceeding watch. Appentice of the wheel. Thom bow at good Williams Leutenant U. J. N.

Examined and found to be correct.

			Reading		WIND.				BAROMET	TER.	ТЕМЕ	ERAT		State of	Forms of	Clear Mbs.	o Sea.
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height In inches.	Ther.	Air, Dry Buib,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clonds, by eymbols.	Prop. of Clear Sky, in 10ths.	State of the Se
L. M.	d C.	2		Ou d	J. F.	2		,	2		~ /	~.		2		1	g
1	0	6	82.1	Oh. 1/2 N.	J. J. W.	2	3	,	30.44	,	,		, ,	b.c.w.	cum.	2 4	V.
2	0	5	82./	N 94.	Jan. Ly W.	1	2	,	30.44			,	79	**		4	Į.
3	0	8	82.1	1 04. h 04.	991	1	~	,	30.45	/			179			4	1
4	0	8	82.1	04.601.	9. FW.	1	,	,	30.45				, ,	b.c.		5	II.
6	,	2	82.1	Ot. by N.		1	1	1	30.457					.,		4	ı.
7	,	2	82.1	7		1	/	1	30.45	,				4	cir. eum	4	ŀ
8	,	6	82./		1	1	1	1	30.44	75	75	72	79		.,	4	,,
9	2	0	82.2	West	F. by 94.	1-2	2	2	30.44	76	76	72	79			17	
10	1	0	828			1.2	7	2	30.44	77	78	73	79		*	7	
11	0	5	82.8	N. Ot. by Ot.	901. ly 9.	1-2	2	2			,					8	-
oon.	1	0	82.8	Ch. N.W.	/	1-2	2	2	30.44	79	79	74	80		-	8	

58 3 Dista	we new by fog.	
Course and distance	e made good since preceding noon by observations, \$\int 63\cdot 6\$.	32 knots. tenths.
	Latitude by D. R.	38 00 · N. "
D. Marian and Marian	Longitude by D. R.	67 0 11 , 04. "
Position at Noon:	Latitude by observations of ②	38 0 11 1 N. 11
	Longitude by chronometer from Forenoon Observations of ©	65.38, 94. "
Decision at 9 A M	Latitude by D. R. from None Longitude by Observation	38 0 10 N. "
Position at o A. M.	Longitude by Observation	65033,01 "
Docition at 8 P M	Latitude by D. R. from Norm Longitude by Chrowmeter from afternoon observation o	38011,1.11
rosition at o r. st.	Longitude by Chronimeter from Ofternom observation o	65007. W. "
Current during the	time, 72 knots tenths per hour, setting to the 186 2	ō.
Error of the Comp	ass by Azimnth O observed at \$.20 (1.7%, ship's head 4.74 9.	13016 1 4.
Deviation of the C	ompass by Azimuth O observed at 8.20.0 %, ship's head	3 0 4 2 . OV. variation used, 130 00 . OV.
Error of the Comp	ass by Azimuth o observed at 3.50 PM, ship's head All. by N.	13 26 .04. "
Deviation of the C	ompass by Azimuth O observed at 3.57 M., ship's head	2 49 04 variation used, 130 00 . 94.
Water expended di	aring the preceding 24 hours,	400 gallons.
Water	during the preceding 24 hours,	
Water remaining o	n hand fit for use at Noon,	400 "
Coal consumed dur	ing the preceding 24 hours,	tons 480 lbs.
Coal remaining on	hand at Noon.	163 " 1010 "

P. M.															1		
P. M.	,	6	82.9	C4. by N.	92.	1-2	2	2	30.43	79	79	74	80	b.c.	cir. eum.	5-	9
2	1	8	83.4	N 2. by 24.	99. by 24.	1-2	3	2	30.42	79	80	74	80	,		6	
3	2	0	84.7	0	"	2	5	11/2	30.41	78	80	74	80	4.		5	
4	3	0	87.5	J. O4.1/2 A.	O4. FO4.	3	5	1	30.41	78	80	74	80		cum.	5-	
5	1,	980	90.9	4.8.6	OH. by S.	3	4	./2	30.40	78	80	74	80		"	5	-
6	4	5	95.4	8 ly 6:/2 6.		3	4	1/2	30.40	77	78	73	80	,		5	4,
7	3	٥	97.6	""	**	3	4	1/2	30.40	76	77	73	79			6	.,
8	3	0	100.6	9. ly 6.1/4 6.		2.8	3	1/2	30.40	76	77	73	79	٠,		6	**
9	3	4	2.8	8.86.	991. ly F.	3	4	1/2	30.40	76	76	73	79		cum and	6	10
10	4	5	6.7	FE. 1/2 P.	., 0	3.4	4		30.40					- :		5-	- "
11	4	5	11.0	4		3.4	4		30.40							4	•
Mid.	5	0	. 14.3			3.4	4		30.40						*	4	ı

, U. S. Navy,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a.M. Cloudy but pleasant. Light airs and breyer from 9.8% to 8% by W. Mude plain sail to topgallant sails one single reefect topsails and mainsail, with main trysail. Come 8% y 9. appendices at the whal.

Even & O. O. to Okered.

Chear and warm. Eight airs and bruger from Fiby H. and F & by F. Corner FH. by F. (po) At 9 30 meetind at quanties. The first period from 9.45 to 10.45 was directed to Bac Hauling strip. At 10.45 haulid up manical. 2. a private from 11.00 to 11.45, 10 watch had signale and gunnery and 2" watch had signale and gunnery and 2" watch had signale and period of watch at the watch Lumeris gaing and partial grade of watch at the watch survey, and painting of watch at the watch at men gaing gain ports. At end of watch ship by the word me first top forward starband gun, and painting and all places said to egale ways maintaid. At 10.0. The started free under both 18 for distilling Demperature of magazines 47°, 74°, forward, 76°, 74°, aft.

Fight air to gruth brew from 50 to 0.4%. Fair and pleasant through the sen. Set enigh refed manusail at 2.57 at end of watch by the would no port tack, under for topmast stagased main tryact and all plain eith to could except a single ref in the manusail all direins of appointed at work wordailing clothing. Flatted distilling at 1.30 with free banked under briter to appoint in at work wordailing.

From 4 to 8 P.M. Light to gutte brew from the by I. Corner It by I. at 4 25 wore chip. at 6.30 took in regale and flying jit, and and draw regal yards. Distilling with braked free under boils 16. appendices at the which all of watch under all plain each to topgalized each and main trypal with single ref in manusail.

Drow 8 P. M. to Mid.

Lieutewant W. S. M.

Lieutewant W. S. W.

Lieutewa

Examined and found to be correct.

J. B. Me ilton, Navigator, Savigator,

LOG of the UNITED STATES Thip Essex Third Rute, Making passage from Norfolk Cla., to Chewport, R.S.

				0 0	U	U							<u> </u>				
			Reading		WIND.				BAROMI	ETER	TEMI	ERAT	TURE.	State of	Forms of	Sear the.	Sea.
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by	Prop. of Clea Sky, in 10ths	State of the
A. M.	17	8	19.1	F&1/2 &.	F. 901.	5-6	7							в.с.ш.д.		4.4	M.
3	4	7	23.8		F91. ly F.	5.6								b.e.w.		5	*
4	4	6	32.9	F6. b, F.	FU.	5-6	γ	1/2	30.37	74	74	72	. 79	0.c.w.			-
5	5 6	9 2	33.3	9.96126. 9.96.	FW. by W.	5-6	7		30.40					b.c. w.	A	0	2,
7	5	5	42.5	96. by 9.	F. W.	5-6		3/4	30.40	74	73	72	78	*	^	0	
8 9	5	8	47.1	\$6.3/4 8.		5-6	5		30.43					**	-	0	
10	5	8	56.2			6	5	1/2	30.44	74	74	72	78	0		0	
Noon.	5	4	67.2	4.96.1.6	991. by 94.	6	2-		30.43					в. с. "		.3	1.
			~						L		-			Leave			-

104.0 Dista	use num by Log.	
Course and distanc	te made good since preceding noon by observations, \$67.6.	143 knots. tenths.
	Latitude by D. R.	37 030 1.N. " 63 0 401 %. "
Position at Noon:	Longitude by D. R.	
Position at Noon.	Latitude by observations of O	37 0 12 1 N. "
	Longitude by chronometer from Forenoon Observations of ②	62 0 46, 94. "
Position at 8 A M	Latitude by D. R. fun Now Longitude by Observation	37 024. 1.
1 Osition at 5 1t. St.	Longitude by Observation	63 010 194. "
Position at 8 P M	(Latitude by D. M. from Norma Longitude by Chinemeter from afternoon observation o	36 040 N. "
TOURISM IN CITY	(Longitude by Chimmeter from Oftenom observation o	62021194.11
Current during the	e time, #4 knots tenths per hour, setting to the	0.
Error of the Comp	hass by Azimuth O observed at 3.30 P.M., ship's head Sly & 3/4	6. 13°03'54.
	ompass by Azimuth ⊙ observed at 3.30 €%, ship's head	1 · 57 · 6. variation used, 14 · 00 %.
	ass by Azimuth ⊙ observed at , ship's head	
	ompass by Azimuth ⊙ observed at , ship's head	variation used,
4 1	uring the preceding 24 hours,	400 gallons.
Water distill		841 "
	n hand fit for use at Noon,	• 7 1
	ring the preceding 24 hours,	tons 2000 lbs.
Coal remaining on	hand at Noon,	762

1															1			
P.	М.						-		./									0
	1	5	8	71.9	9. by 6.1/26.	Q1. F Q1.									b.c.	cum etral	. 2	m
	2	5	4	76.2	9 ly E.	*	6	4	3/4	30.43	74	74	72	76		1	5	
	3	4	6	80.5	Phy 6:146.		5			30.43							7	1
	4	4	4	85.0	,,		5	4	3/4	30.43	74	74	72	77	"		8	
	5	5	0	89.9			5	4	3/4	30.43	74	74	72	77			8	24
	6	5	4	3.1	93/4 8.		5	5	3/4	30.43	74	74	72	.77	**	cir.eune	. 8	
	7	4	. 2	7.1		a	4.5	5	3/4	30.43	74	74	72	76	b.c.w		9	
	8	3	8	10.9	9. by 6.	.,	4	5	9/4	30.42	74	74	72	76	- "		9	
	9	3	7	14.6	9.96.	901. by 04.	4	5	1/2	30.40	74	74	72	76			9	
	10	3	9	18.5		<i>d</i>	4	5	1/2	30.40	74	74	72	76	6	none	10	
	11	4	5	23.0		. ,,	+	5	./2	30.40	74	74	72	76			10	
М	lid.	4	8	27.8		,,	4	5	1/2	30.39	74	74	72	79	1.o.u.	cum.	9	

Willaperton.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.M.

Eloudy and damp. Fiff brey with frequent light equally from 9. 40 th to 9 th by 9. Barometer falling. A 12. 15 took in and fulled topgallant vails. At end of water under jet for topmark staysail, topsails, consequent single nef in the maintails main trypails and spanker braking 46 by 9. Consequent & apprentice at the while Distilling with fire banked under boiler 18. n. J. Coliman

Oum 4 to 8 a M Ousign U.S. W. blody, damp and threatening wrather Stiff to free brezes from In by 2 and 34. Some Fr. 12 (po) This by the which on starbound tack under same sail as at end of previous watch. appendice at the whel Distilling with fire banked underboiler B.

From 8 a. M. to Merid. Lieutenant U.S. M. Deech breze from PN and PN by the Orticast first half, partly cleaning last two home. Thortesate sea. By the wind on startraid tack under same sail as in preciding watch. Thustered crew as quarter as q. 30. During 1st and 2 2st periode, 945 to 11.80, instructed had executed with worth in banking for storm staypaid, eigenall and grunning: 3st watch 1st period, saile and epair; 2st pairely grunny. Regard and crossed migrou topsail yand. Distilling with fixe banked under the boll B. apprendice at the wobal. Summer's gang engaged in painting of such mounts on startraid side of sech Demperature of magazine 772, 712, forward, 76; 742 4th.

From Merid to 4 4 M.

Linterant W. J. W. Sinctenant M. S. M. sum with the clean. First to first breeze from Ob. 3 Nr. Conner & Nr. b. J. (ger) By the unid under same sail as in preciding watch Eastwick and intracted appendic as followed to the state of the second from 1.15 to 3 P. Mr. 8 Nr. and in signals from 2.15 to 3 P. Mr. 8 Nr. article seamouship from 1.15 to 3 P. Mr. at 8.30 "Arm and away all boats for cutting and and then oribuiled boat boats. Distilling with banked from under boles D. appendic at the wheel Gunneric gang suggest in painting inside of mounts of 4 inch guns. Hereall

Lieutenant M.S. N. June 4 to 8 9.90. blear and pleasant. Tiff to moderate breeze from N. F. Barometer steady. Nuclei all sail to topsails and main trysail with employed in manusail or etailorand tack changed conne at 4.10 to 9. by F. appendices at the whele Distilling with bruket free in boiler 15. 015:30 hauled in old patent by and put our new one. Tems & P. m. to Mid.

Orm 8 P.M. to Mid. Clear, starlight; heavy dew. Phoderate breeze from IN. by N. Baroneter stiady. at end of watch under git for topmark staysail, topsails, conservint single reef in manual, origin timal and sporker heading I. F. Conce N. by T. apprentices at the wheel Distilling with braker frie under brites 18. with banked fires under biles B.

n. J. Colsman Ensign W. & W.

Examined and found to be correct,

J. B. Mo illow, Navigator. Lieutewart U.S. K.

LOG of the UNITED STATES Phip Essex Phid Rute, Making passage from Overfolk, Va, to Viewport, a.J.

					WIND.				BAROME	ETER	TEM	ERAT	URE.	C	-	Clear 10ths.	800
Hour.	Knote	Touths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C 8ky, in 10	State of the S.
A. M.	55	8								1				0			
1	3	9	30-7	9/2 04.	W. by J.	4	2	1	30.40	74	74	71	76	b.c.	cum.	8	M.
2	4	0	.30.7	Forth	,	4	2	1	30.40	74	74	71	77	"	cum. remil	3	-
3	3	2	33.9	н		4	2	1	30.40	74	74	71	77	"	4	1	40
4	3	4	37.0	4	,,	4	2	1	30.40					b.c. p.	2.	1	
5	4	4	41.8	F. by 91.	West	4	2	3/4	30.45	74	75	71	77	b.c.	Cum.	2	
6	3	5	42.5	4		3	2		30 45					1.	circum	4	
7	а	4	45.9	9.12 91	M. ly F.	3	2		30 46					"	mint.	4	
8	3	2	48.8	9.1/2 6.	O1 4.94.	3	3		30 48					,,	cir.cum.	5	
9	3	3	52.1	9 ly 6.1/2 6.	991. ly 94.	3.4	3	3/4	30. 60	75	74	71	77	4		5	14
10	2	8	54.9	9. ly 6.14 6.	9.994.	3.4	ও	3/4	30.48	75	74	71	77	**		4	
11	2	8	56.9	Porch	W. by 9.	3.4	3		30.49					4		4	
Noon.	2	9	59.8	9 1/2 04.	CH est.	3-4	3	1/2	30.49	76	75	71	78		-	6	

7	95 8 Dite	rure num by bog.	
	Course and distance	e made good since preceding noon by observations, \$\mathcal{T} 412 \hat{\mathcal{E}}.	// O knots. tenths.
		(Latitude by D. R.	35 0 51 M. "
		Longitude by D. R.	61048,04."
	Position at Noon:	Latitude by observations of ②	35 0 52 11. "
	_	Longitude by chronometer from Forenoon Observations of O	61'0 23,94. "
	-	Latitude by D.R. from None	36 001, N. "
	Position at 8 A. M.	Latitude by D. R. from Noon Longitude by observation	61000,04."
	_	Latitude by D. R. from Now	35 0 H3 1 N. "
	Position at 8 P. M.	Latitude by J. R. from Now afternoon observation o	61 0 10.04. "
		time, 20 knots tenths per hour, setting to the East.	•
		ass by Azimuth @ observed at 8.36 Q. 98, ship's head 9. by 6.	14 0 24 , 94.
		ompass by Azimuth ⊙ observed at 8.30 a. 6%, ship's head	0 . 38 . W. variation used, 14 . 00 . W.
	Fror of the Compa	ass by Azimuth o observed at 335 C.M., ship's head	12037 . 02. "
	Deviation of the Co	mpass by Azimuth @ observed at 3.35 (%), ship's head	1 48 6. variation used, 14 000 %.
		ring the preceding 24 hours,	4 50 gallons.
	Water distill	during the preceding 24 hours,	1001 "
	Water remaining or	hand fit for use at Noon,	1392 "
	Coal consumed duri	ing the preceding 24 hours,	tons /7 60 lbs.
	Coal semaining on l	hand at Noon	161 " 1490 "

***************************************	۲									1					1			
P. M.		3	0	62.8	9/2 04	04. ly 8.	14	3	1/2	30 48	76	75	7/	78	b.c.	cum.	5	m
				62.8	,	8	4	3		30 48							5	~
3		1	٥	63.5	41	,	4	3	3	30.48	76	75	71	78	**		6	100
4		1	0	63.8	44		4	3	3	30.48	76	75	71	78	44		5	
5		1	0	64.5			4	3	11/2	30.48	76	75	71	78	4.	-	6	
6		1	0	64.9		4	4			30.46						cir. cum.	6	
				68.4	Smith		H	2		30.46						strat.	6	4
н		1	0	65.7	9.46.	Q1. 9. Q1.	4	2		30.46							7	~
9		1	0	65.6	Inith	Ot. by 4.	3	2,.							b.c.p.	cum mint.	8	
10		1	2,	65.6	f. 1/2 04.	1	3.4	3		3046							8	
11		1	2,	606	Inch	.,	3	3		30 46							8	
				65%	9.1/2 8.	OL 90%.	3	3		30.47							6	

Geor Cleak

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

from Oh by I dight precing above on S. 3.30. Concer M. by I This on starband tack by the winds under for topmach staysail, and plain each to topsails and main trysail, except single neef in manual. apprentices it the wheel Distilling with fire banked under both 13. Midnight to 4 a.m.

Orom 4 to 8 a. m Lieutewant U. S. W. Onodevate to gentle breeze from Nest to N. IN. Dair and pleasant By the wait in starband tack under same sail as in preceding watch. Distilling with free banked under bilos B. apprentices at the wheel.

From 8 a. On. to Merid Lieutenant W. J. W. Clear. Gentle to moderate breeze from I'M by Ob. to Obest. Consu Ob by G. (p.c.) Under same sail as in preciding watch. By the world on starband track at 730 mustered at apparties and conserved at 3 mustered at follow for General agreement as follow for General quarters: Engineer, a minute, a fetu Gurder Derein, a minute, to seconde Tourised Conder Derein and Conder Tourised Conder Derein and Tourised Seconder Value of minute, so seconde value of seconder value. The Derein aminute, so seconder value of Derein aminute, so seconder value. Derew 2 minutes 30 records: Donard Parder Dinien, 2 minutes 30 records: 12 Diview 2 minutes 45 records; 22d Durino, 2 minutes, 50 seemds. Eugenew 2 minutes, 50 seemds. 3rd Division, 3 minutes; and after Powder Durino, 3 minutes, 40 seconds. Recued at 11 a. M. apprentices at the wheel. Distilling with banked fire under boiler B. Demperature of magazine 78°, 75°, forward, 76°, 73°, aft. Herrall,

From Meiid to 4 4.90. Leutenant W. J. W. Cloudy but pleasant. Moderate breys from N by I Baroneter steedy. From 115 to 200, first division had regardly and 20 to 100 first division mailurepets examanching and boy: from 2.15 to 3.00, first division had boy and second division expals: from 3.15 to 4.00 instructed apprentices in their stations for general evolutions. At 12.30 double neight topsails, hauled up concee and took in mains trysail. Changes concer to Neck. At neight adip indeed double neight topsails, jet, for topmast stayual and eparker. Apprentices at the wheel. Distilling with banker free sends which is

Roger Welles. Jr. Eneigh W. F. N. bludy and pleasant. Moderate been from My I, to M. I W. Bavoneter steady. A sud of wated render jet, four topward staywall, double refet topsails and eparkerly the wind on abarband tack heading I by E. Coner Week. Epperature at the wheel. Distilling with bruked frie under boles 15.

n. J. Coleman From 8 J. M. to Mid. Ousign U. S. O. Fine I seewally clear with passing minhow clouds from Fd and Vd. Light passing about 8 45 Gentle to mercuate breen from It. by F. Conner (Neel Jp. o) Them was 10 50. At end of watch chip under and said on atastrand tack said at such of previous watch. Distilling with free backed under biles B. apprentices at the wheel. W.M. (aperlow. Quitewant Cl. & N.

Examined and found to be correct.

				1 0	U			_				V			,	_	_
			Reading		WIND.				BAROMI				TURE.	State of	Forms of	Clear 10ths.	· Sea
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in H	State of the
A. M.		1	101	F. ly & 1/2 &.	901. ly 91.	3.4	3	2	30.45	75	74	71	78	b.c.w.	Cum.	5	M
1 9			65.6	0. cy 6 126.	o or og ar.	3.4			30.44					4	"	,	1
			65.6			3-4			30.43							6	1
4	1	0	656	9.96.	F 24.	3.4			30.42					,"	am. nuit		.0
5			65.6	9.96:126.		4-6			30.44					b.c.g.	cir eum.	2	
6			Harled in	7.76.126. The 6:126.	9 94. by 94.	4-6			30.44				-	4			4
8				Fly 6.	7	4-6	2	3	30.44	76	75	72	77	,.		3	
9	1	6		9 ly 6. 12 6	**	. 4			30.44						Cumeta		
10			65.6		m 1 8	5		-/	30.44						-	2	
			71.6	N. N. Ot	M. ly F. FM. ly W.		7-5							b.c.q.	cir cum strat.	5-	
			/		0		1			-				-			

40 6 Distan	we run by bog.	
Course and distance	e made good since preceding noon by observations,	54 ° G.
	Latitude by D. R.	
Desision at Noon:	Longitude by D. R. Latitude by observations of ©	
Position at 1400n.		
	Longitude by chronometer from Forenoon Observation	ons of O
Position at 8 A M	Latitude by D. C. from None Longitude by Observation	
1001000 01 0 11 01	Longitude by Observation	
Position at 8 P. M.	(Latitude by D. R. from Norm Longitude by Chronometer from afternoon obs	.4. *
	(Longitude by Chrometer from Ufainon our	ervatem
Current during the	time, /0 knots tenths per hour, setting to	the Gas
Error of the Compa	ass by Azimuth O observed at 7.20 Q. Q., ship's head	J. 7 6
	ompass by Azimuth @ observed at 7.20 a.9., ship's he	ad .,
	ass by Azimuth ⊙ observed at , ship's head	
	ompass by Azimuth ⊙ observed at , ship's hea	ad
	ring the preceding 24 hours,	
Water distill		
	n hand fit for use at Noon,	
	ing the preceding 24 hours,	
Coal remaining on	hand at Noon,	

29 k	nots.	_ t	tenths.
	0 59		
	004		
	0 58		
	0 52	-	
	030		
	047		
	006		
	0 20	_	
٠,			
17.	0 50	. 01	
		-	variation used, 140 00 94.
	0		
			variation used, o
	48		
	101		
	19 5 ons 16	4	.3
160	33	0	

				-		Que.					T	-						
P. M.	6	2	83.9	A Oh. by N.	99. ly 9.	Branch.	5.6	8	1/2	30 4 3	77	77	73	78	b.c.	cir.cum	4	N
			90.0	N. 10 04. 3/4 94.	જા. કેશ.		5.6	9	1/2	30.4	177	78	74	78	.,	stirt.	6	
			96.2	A Q4. 3/4 N.	9%. by %.		5.6	8	1/2	30.4	0 77	78	74	78		cir. cum	5	~
4	5	2,	1.2	J. 24:12 N.			5.6	8	1/2	30.8	9 77	78	74	78			3	
5	5	8	7.0	1.101.1201:	Q1. 9 94.		5	y		30.38						eum;	4	
6	5-	0	12.0	N. 4 M. 3/4 M.		30 33	5	7	1/2	30.9	77	77	73	79	b.c.p.	cum simil	. 4	-
7	5	9	17.9	1 1011 11	,,	30.32	5	7		30.90						-	2	~
8	2,	8	23.4	1 1 91.12 W.		30.32	5	7								-		
9	5	6	28.4	1.101.14 94.	9. by 9.	30.33	6	7	1 ./2	30.5	74	75	73	77	b.e.	sum mint	4	**
10	6	2,	34.6	1.104/294.	,,	30.23	16	7	1/20	31.2,4	174	74	72	76	be.p.		4	*
11	4	5	38 /	,,	-	30.33	4	6	1/2	30.41	174	74	72	76		1 -		
Mid.	4	4	42.0	A by OH	West.	30.32	4	6	1/2	29.8	74	74	72	76-	-		8	-
				/		1										1		-

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a 9 n Sentle to moderate breze from 99 by 9 and 99 Fair with bright mornlight first three hours cloudy last how. By the wind on starband tack under jit fore topmark staysail, spankle and double right topsails apprentices at the wheel. Distilling with few banked budge bater B.

Daon 4 to 8 a. M. Seintenant D. I Renter and Septential De I Seintenant De I by Ob. Come Object (pc) Under same sail as pureding water. apprentices at the while Tietling with banked free under other B

From 8 a. M. to Merid.

Showly equally and rainy. Products to fresh breys in equall from 974 by 26 to Ch. by I Barometer steady. At 9.45 wor ship and made all plain sail to topgallant rails and main trypail. At 10.45 took in main trypail and topgallant rails to a heary equall; at 11.15 set topgallant rails again. Who so put one patent long reading 65.6. Concest The Buttling with banked five in book 13. Institute a true standing short Each A. B. Burk (B. A. 20) reported the higheston of his term of substances and was accordingly discharged from the Rain Turin. Demperative of magazine 78-15°, found, 76°, 75°, aft. appendices at the wheel.

Forge Chelles for Every and pleasant Stiff to feel been few of by to to the Bacometer falling Peped up all bags at 10 clock and durwind officers impected by the clothing Wend of writer under all plain sail to top gellant early except angle need in manual, with for top much etaquail heading No. 1/2 N & course Chel. appendices at the wheel Distilling with banked free under bold to.

Denn 4 to 8 9 m. Couring with precing rain equalle. Fiff breyes from M. & B. backing to I'd and D'd in agualle and coming on copin from M. I. C. Come Greek (pc) at y so work alip in beary rain equal to S'd and E'd and I'd in beary rain equal to S'd and E'd and at 5.00 work again tout a and I'd. At and of worth ship in beary rain equal to under same said at sind of previous watch appreciate at the wheel Distilling with bruked five under boles Be a 5.00 close found the mercural Bournation at the wheel Distilling with bruked five under boles Bournation and of order

From 8 (P.M. to Mid.

Druk bey from N. by I, falling to moderate beyer and voring to Neet bloody with spacing rain equally, cleaning back home. Producet ess. From rose at 11 22 I od 10 in topigalland carle to a agrall at 10.00 and set them at 10.12. At end of watch under for topical stayant and plane sail to topigalland early, every a eight ref in the mainsail Tetilling with five backed under bother 18. appendices at the wheel.

General & & & &

Examined and found to be correct.

J. B. Mo illow . Sentenant Qu. 8 9. Narigator.

LOG of the UNITED STATES Thep Essex. Third Rate, Making passage from Phorfolk, Cha., to Chewport, R.D.

)			WIND.					BAROMETER		TEMPERATURE.					linar the.	See.
Hour.	Kuots.	of Patent	Patent	COURSES STEERED by Standard Compass.	Direction by Compa	Standard	Force.	Heel.	Leeway.	Height in inches.	ght Ther.		Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.		5	48-0	N 3/4 W	Otest.	30.30	1-6	6-10		29.92					V	Dem. unid	5 4	13
3	6	8	60.1	A by 24.	-	30.30	5.6	6-10	1/2	28.68	78	74	72	77	40		5	
5	6	6	735		•	30.29	5.6		1/2	29.38	78	75	73	78	P .	20	4	 uk
7 8	6	3	85.8	A by 94 /2 94. A by 94.		30.29		8	1/2	29.55 29.90 administ 30.28	77	76	73	79	b.c.q.		3 4 4	,
9 10 11	5 6 6	7 0	97.8 3.8 9.8	No by 94.14.94.			5 5	8	1/2	30.27	78	77	74	79		-	3	
Noon.	2	8	18.6			-	5	8		30.26					-	"	4	

139 6 Dietauce new by Patent Eg.	
Course and distance made good since preceding noon by observations, July 294. 100 knot	
(Latitude by D. R. 3)	30 1.11
Dought add by D. M.	7 . 24 . "
Latitude by observations of O	13 1 18. "
(Long time by chronometer from foremon observations of	32,94."
Lattitude by Co. W. Author Trans	52.4. "
Longitude by observation	21 .01. "
(Latitude by D. R. furw Norm	50 .N. "
	28, %. "
Current during the time, 3 & knots tenths per hour, setting to the 3 61 6.	•
For of the Compass by Azimuth O observed at \$.20 a. 96, ship's head It by W. 12 W. 11 o	14 . 04.
Deviation of the Compass by Azimuth O observed at ? . 2.0 Q. M., ship's head	56. 6. variation used, 14 00 94.
Error of the Compass by Azimuth ⊙ observed at , ship's head	, ,
Deviation of the Compass by Azimuth @ observed at , ship's head	variation used,
water expended during the preceding 14 nouss,	500 gallons.
Water Mountains the precently of norms,	0/0 "
water remaining on many in for the ere-ing	463 "
and an arrangement of the control of	160 lbs.
Coal remaining on hand at Noon,	1170 "

Р. М.							, ,		aneward						cir cum		1
1	6	4	21.1	N by 94:12 94.	04. by 9.	5.4	10-5-	3/4	30.26	78	79	76	79	b.c.m.	cir cum	. 4	m
2	5	8	26.9	N. NOL.	٠,	5-4	10.5	3/4	30.25	78	79	76	79			4	4
3	5	9	32.8	N. N 94:14 94.	p	5.4	10.5	3/4	30.25	78	79	76	79	**	aus mind	. /	**
4	4	2	37.0	N. 18 94. /2 04.		5.4	10-5	3/4	30.25	78	79	76	79		٠,	1	
5	6	0	43.8	A by 04.12 04.	-	5.6	10.5	3/4	30.26	77	78	75	79	**		/	
6	5	4	49.5	Je by 94. 0/4 94.		45	3-10	3/4	30.26	79	78	76	79	b.c.m.w.		1	
7	4	8	54.8	N. N. W.	"	4-5	5-10	3/4	30.26	79	78	76	79		"	1	1,
8	5	0	58.9	1.19.1494.		4.5	5-10	3/4	30.26	79	76	74	79	b.c.w.l.		. /	**
			63.5	4. 1104.		4	5	1/2	30.26	79	76	74	79	b.c. l.	"	1	**
10	3	6	67.1	1.191/201		3.4	5	1/2	30.26	79	75	74	79	0.0.9.10.8	sumb	0	~
11	0	20	681	900 kg 9	An lyon.	3.5		1/2	30.28	79	75	74	79		"	0	9
			68.1	90x by 9.		1.2	0							b.c.l.		1	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On.

bleav and aqually Goodwate to feel breev from Cheek By the would under want sail as in preceding whiteh bones Cheek (pc) Distilling with backed free under bries "B. appendices at the wheel.

Oum 4 to 8 a.m

Herrell, Sientenant & & Dr.

topgallant sails with single reef in the mainsail by the unid on the port tack. Dickling with backed free under only a papentice at the while a three masted schoons standing to the Southward passed on the starband side.

From 8 a. M. to Merid

blogu Welles b. Enuga M. F. M.

Cloudy and pleasant. Fiff breeze from Obset. at 9.30 somuled ball Divisional inspection, and crew unse inspected by divisional officers; after which Commanding Officer inspected crew and ahip. Ob Brick was a substitute as Samual of three years from their bate at end of worth under all plane sail to toppallant sails, except single ref in manual hearing to by the beautiful that. Appendix at the while Distilling inthe banked free under boiler B. Temphratine of magazine 71. 12. forward 76. 74°, aft. magazule 77°, 74°, forward, 76°, 74°, aft.

Dem Oriend to 4 4.9m

n. J. Colsman

Otest (pc.) This by the sound on the port track under same sail as at end of previous watch. apprentices at the whole . Sixtling with five backed under briter 13. W. D. aperton.

From 4 to 8 P.M

Lieutenant Ca. F. Or.

Fresh to moderate breeze from Oh. by F. Cloudy and mity dightuing to Aid and Ed ball half how. Products sea. By the wind on port tack under came each as in polarding watch. Destilling with five bauled under botter B. appendix at the wheel.

From 8 J.M. to Mid

chance accompanied by some thunder and lightning. Frish and last hone lightning around horison. Light air to stiff they from the by I to No the by the 100 15 shortned said to topsail, and runnitately afterwards the wind slighted to north during a heavy aloner; their wore ship to I'd and Old and at 10.55 made east to topy allows with enigh vef in manisail Stopped distilling at 1120. Banked frew under bother B. apprentires at the wheel.

Herull, Lieutewant U. F. M. .

Examined and found to be correct.

Deutenant & F. M. Navigator.

G of the UNITED STATES Thip Essex. Phurd Rate, Making passage from Profolk Ora. to Presport a. J.

	41	000	any	price of	am conjuga	, `	,		700	1	~ , ,		·. ·	· .			
			Reading		WIND.				BAROME	TER	темі	ERAT	URE.	Stale of	Forms of	Clear oths.	Sep.
Hour.	Knota.	Tenths.	Patent Log	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8ky, in 10	State of th
A. M.	()								anno	id.							
1	1	0	68.1	N. 804.	East.	2	5.6	0	30.27	79	75	74	79	b.c.l.	cum. suid	3	8
2	2	8	70.9	Otest.	South	2	5.6	0	30.27	78	75	74	79			4	
3	4	4	75.3	- *	fly OL.	3	5	1/2	30.26	78	75	74	78		"	1	-
4	4	6	79.9	Q1. N Q4.	FW. Ly F.	3	5	./2	30.26	78	75	74	78			2	-
5	4	6	84.7	& 8. ly N.	ON 9°04.	4	5	1/2	30.29	78	75	73	77	b.o.	-	2	M.
6	4	2	88.9	1.491.	04. ly 9.	4	5		30.32					0.C.		0	
7	1	6	89.5	N by 6.	Non. ly Ct.	2	4		30.32					11		0	-
8	1	0		Adr.	Of earl to Fruth	4-1	5		30.33					O.C. 900.		0	~
9	2	0	-	West.	Baffling.	0-1	3	0	30.32	77	76	74	79	*	"	٥	**
10	2	3	92.6		6.98.	0.2	э	0	30.32	77	76	74	78			0	
11	1	0	93.7		6.98.994.	0-2	/-3	0	30.32	77	76	74	78	,	mint.	0	
Noon.	0	٥	Healen	No steerageway	Q1.9Q1.	0-1	1.3	0	30.32	78	77	75	78	b.o.	cum min	1.5	1

84 7 Dietauce run by Log. " Course and distance made good since preceding noon by observations, Jr. // 9 94. Latitude by D. R. Position at Noon: Longitude by D. R. Latitude by observations of O Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from None
Longitude by Observation Position at S. P. M. { Latitude by D. R. from Arm/ Defension observation O Current during the time, 28 knots tenths purhaut, setting to the F 45° 6. Provided the Compass by Azimuth O observed at 3. 45 PM, ship's head 1. 1/2 6 Deviation of the Compass by Azimuth O observed at 3.45000, ship's head , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, Water distilled during the preceding 24 hours, Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon, 158" 1730 "

34 knots. tenths. 38° 03' N. " 62003194." 37 0 46 . N. 61037 94. 37 ° +8' W. 61031'01." 37 052' N." 61027 . 04. " 160 37' %. ° 48' 6. variation used, 16 00 94. variation used, 400 gallons. 737

2800

tons /680 lbs.

_															en.chia		
Р. М.								1	anero	id					cir cum		-
1	0	0	of areland in	No steerageway	Chest.	0-1	0	0	30.33	78	77	75	78	b.c.	cum.		6.
2	0	8.	10	North		1	0	0	30.33	78	77	75	78	4	,	5	
3	0	8	"			1	0	0	30.33	78	77	75	78	"	.,	6	(>
		0		No eterraguray	balm.	0	0		30.33						4	6	
15	0	6	1	Aly E.	94.494.	11	0		30.33					"	civieum	6	-
6	. 1	0	936	,,		1-2	3	1/2	30.33	78	77	74	78		etial.	6	
7	3	5-	95.2	1.104.	Ox. by of.	2.3	3	1/2	30.33	78	76	74	78	v	**	4	L
8	2	8	97.4	,.		2.3	3	1/2	30.33	78	77	74	78	**	**	3	
9	2	5	99.9	A. 4 04 /2 04.	Or. For.	2.3	3	1/2	30.34	78	77	74	78		11	6	
10	1	9	1.1	104.1204.	Pou.	23	3	1/2	30.34	79	77	74	78	b.	une	10	
11	2	2	3_3	(1.04 by 94.	"	3	4		30.33							10	**
Mid.	2	4	67	40%. 10 Ox.		3-4	4		30.32						cum.	7	
-						6											

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a. m breeze varying from North Chell by North East and Flittle to F. C. by F. Winder all plain ach to toppgallant vaile with a single ref in maniail. at 100 trop in aparker and set it at 2.08. Concer Chest Banked frae in later 15. apparatures at the wheel

Dum 4 to 8 a. m.

Cloudy and weettled wather. Worderate to light variable breeze from & 98 North, East, and Forth. Baroneter access a W 50 clock commenced dictilling. W 60 clock flucted daw bilger. At 70 clock took in maniered and eparter At 7.40 took in topgallant sails at end of watch under job for topmash staysail, toppauls and foresail, or conce West Distilling with banked fire under boiler B. appointing at the wheel

Find so the interest of water land and welled wrather moderating and cleaning last how. A nain equally with a very beauty fall of nain struck the slip of 200 from the Id. and Ed. and manualli Col 1100 set spaken. Ensur that for all 1100 eighted a schoner braining about the fire under found wind saile Strapped distilling at now, the tanks bring full, and allowed the fire under boiler 16, to die out. At end of watch ship under for toymash staysail and all plain each to topped will except engle neef in manual with no steerageway. Band in patent for at 1150 B. order of the

cails except enigh ref in maincail with no sterageway Bauled in patent by at 1150. By order of the Capitain Chillian & Bucks, was rated from Granian to Bacterianie Porte seemed claim from this date. Instructions for principle during formore were considered or account of vain and wrather Cleaned below. appendice at the wheel. Demperature of magazines 772, 742, forward, 762, 742 aft for

Thom Merid. to 4 99

Light air from their and calme Frair and warm. Choppy irregular are Muder came sail as in preading water, with no eterrogency during greater part of water Februar in eight during all of water, haying actum (South) at 400. 3th period, 1.15 to 2.15 untwented 12th and 5th periods, 2.15 to 4.00, grunney. Apprentices at the wheel.

Orom 4 to 8 4. M.

Lewstwart Ch. J. Dr.

Trevituant (4. J. D.)

Brain to calm. Fight aim to gently breeze from The A. D. to Ch. by I at 5.30 set rayelv and flying jit and took them in again at 7.20. Chappy now, then Ing aurill from N.E. Clude came acil as in preveding watch after 7 ho. Comme Chest (per apprentice) at the whiel. At 6.30 peut me potent log, 93.6 knote.

From & P. to Grid. Sleav and pleasant. Light to quette breen from N. I'M to I R. Under all place sail to toppallant early weight as single new the mainsail, by the wind on good tack. Come ON. by A appendice at the what.

On by A appendice at the what.

Roger Welles Ja-Ensign W. F. W.

Examined and found to be correct.

Leutenant & FR.

A. M.

Thud Rate,

of the United States Thip Essex Making passage from Prorfolk, Va., to Prewsport R. I. 99. by N. 1/2 30.31 78 77 74 78 4 4 3 5 9.2 Je Ch. 1/2 Jr. cum strat 9 A Oh. by N. N Oh. 3/4 N. 01.991. 14.2 4 4 1/2 30.30 78 77 74 78 9 1/2 30.29 78 77 74 78 45 ڻ 19.6 5

1/2 30.28 78 77 74 78 252 A. NOL. 1/2 04. 5 5 5 A by 01.3/4 24. Hest 5 3/4 30.30 78 77 75 77 5 M 31.4 3/4 30 31 78 76 75 75 4 4-5 37.4 A by Q1.1/2 Q4 3/4 30.32 78 77 75 77 42.8 4 5 3/4 30.32 78 77 75 77 4 5 5 47.3 Aby 04:14 94. 3/4 30.30 78 78 76 78 beim. 2, 51.8 4 A by 91:12 94. 3/4 30.30 79 78 76 78 10 56.5 1.14 84. 3/4 80.30 79 78 76 78 5 60.7 North. 3/4 30.30 79 78 76 78 4 5 65.9 5

77. 6 Distance run by Patent Log

Course and distance made good since preceding noon by observations, Ju 312 % Latitude by D. R.

Longitude by D. R. Position at Noon: Latitude by observations of O

Longitude by chronometer from Forenoon Observations of O

Position at S A. M. { Latitude by D. R. from Now Longitude by Observation

Position at 8 P. M. { Latitude by D. N. from Noon (Afternoon observation o

Current during the time, 30 knots tenths per hour, setting to the \$472 94. Nav. Resor of the Compass by Azimnth ⊙ observed at \$ 16°0, %, ship's head 4. ly 94 Deviation of the Compass by Azimuth O observed at 8.150,90, ship's head

Graviant of the Compass by Azimuth ⊙ observed at 3.57 Pont, ship's head J. by 04. Deviation of the Compass by Azimnth @ observed at 3.57 (Ph., ship's head

Water expended during the preceding 24 honrs,

Water remaining on hand fit for use at Noon,

Water

Coal consumed during the preceding 24 hours,

Coal remaining on hand at Noon,

during the preceding 24 honrs,

2500 tons 400 158 " 1330

/00 knots. 38 0 52 1 1. "

62 0 54 94

39014 1.

620 44.04.

38 0 59 1. "

62038194. "

39 049 W. " 63006 94. "

14° 48' N

· 25 . 04.

15 37 .01. "

= 14.0%.

300 gallons.

variation used, 15 °00 94

variation used, 16000 . 94.

Р. м.								1.	-							
1	4	5	70.4	1.14 94.	Ox. by N.	3-4	3	1/4 30.30	79	78	74	76	be.m.	civ. eum	6	9
2	4	8	75.5	1.14 6.	Of. A OV.	3.4	4	14 30.29								
3	4	6	80.2	N. 1/2 94.	Ot. by N.	3-4	4	14 30.28	78	77	74	75	b.m.	nnu	10	
4	4	3	85.0	"	1	3-4	4	14 30.28	78	77	74	75	b.o.m.	cir.euw.	6	-
5	6	2	91.2	A by Ot.	Otest.	4	4	14 30.28								
6	5	0	96.2	,		4	4	1/4 31.28								
7	4	2	100.5	*	,,	3	4	14 30.28						1		
8	4	3	48	,,	,	3	4	1/2 30.28	78	76	73	74		-	4	*
9	4	1	8.9	I by 84. 1. 19.	.,	4	5	3/4 30.28	78	74	72	74		-	7	
10	3	5	12.4	0	-	4	5	3/4 30.29	78	74	72	74	4	cum.	8	
			16.9	1. by 04	.,	4	5	3/4 30.30							8	**
Mid.	3	9	19.8	1 0/4 04.	-	4.5	5	61.							8	
1																

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Generally clear and pleasant. Throwlight. Other destricts stiff breeze from F. B. by M. to O. by F. Brownette falling. At end of watch under all plain sail to top gallant sails, except anight neef in manials, behoding N. N. D. Comes N. by N. appendice of the wheel.

7. T. Coleman Cheeren V. S. N.

From 4 to 8 Q. M.

Partly closely with passing minlow clouds and vain equally relocated horizon Photocoate to stiff being heart Comm Qb. by the ly the wind on part tack under same sail as at such of presone water. Appentice at the while

While Capacitors Wal aporton

Ours 8 a. M. to Mend Producte been from Prest and Ob by N. Frain and pleasant. Thesty award horyon. By the wind on port tack, under fore topmart staysail and all plan sail to top gallant early. except a single ref in the mainsail. Inestered ones at quarter at 9.30. During 1st period, 9.45 to 10.30 exercised appendice at dinimal gun dill: 2rd period, 1th and 2rd watcher, seamanches. Tumnis 1999 engaged in painting gun ports. Tested magains flord cocks, and water valor and found them his working order. I expension formed magains 172, 74°; after 76°, 74°, appendice at the wheel.

Lieutenant U.S. M. From Merid to 4 4 M. blear hay horizon. Sentle to moderate breeze from M. by M. and M. W. M. ON 1.10 set royale and flying jet bonie M. by M. By the winds under all plain sail to royale with ringle reef in manual. Or atcher of appendicion were maturally as follows: 2nd and 3nd watcher practical seamouship from 1.15 to 3.15 and log lead and enginee from 3.30 to 4 P. M. apprentices at the wheel. Hercell,

Lieutenant Cl. J. M. Oum 4 to 8 9.90 Generally clear. Overderate to gentle breeze from Prest. At 5.00 took in royale and flying jet. Ander all plain eail to topgalant early, eacept a enigle neef in manual, by the would on the port tack. Evenu Or. by A. appentices at the wheel.

Roger Welles In Enough to Open to Cheefe I Energy Welles In the State of watch under all plain to topy all and each ency of watch under all plain to topy all and each ency or enigle need in manural heading N/24. Commer on by A. appunition at the wheel.

n. V. Coleman Eusign U. F. R.

Examined and found to be correct.

J. B. Moillan, Navigator.

LOG of the UNITED STATES Thip Essex, Making passage from Profolk, Va, to Chewpoord R. J.

					7 0	U						0					
		1	Reading		WIND.				BAROMI			PERA		State of	,	lear the.	- See
Honr.	Knota.	Tentlis.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clonds, by symbols.	Prop. of Cle Sky, in 10th	State of the Se
A. M.	51	^			2 0.			.,						0			_0
1	4	7	24.5	No. by OV.	Otest.	4.5	5		30.29					f.c.	cum.	7	å
2	4	5	29.0			4-5	હ	3/4	30.29	77	75	73	78	-		4	40
3	4	8	33.8	Jr. 1/2 86.	"	4.5	5	3/4	30.29	77	75	73	78	-	am und	3	
4	5	3	39.1	N 3/4 94.		4-5	5	3/4	30.29	77	75	73	78		1	5	
5	5	٥	44.1	1.		4	5		30.31						Cir. eum.	5	
6	5	1	49.2	A by Q. 1/2 Ql.	94. by F.	4	4	1/2	30.2/	77	75	73	76		-	5	
7	5	6	54.8	4. 404.		4-5	5	1/2	30.32	77	75	73	78		-	5	
8	5	0	59.8	N. N. Ob. 1294.	**	4.5	5		30.32						1 .	4	
9	5	4	. /	1.1001.1494.	**	4-5	5	1/4	30.32	77	75	73	78		cum.	5	
10	6		71.5	1.19.3/494.	04.994.	5	5	1/2	30.3/	77	75	73	78		-	6	4
11	5	5	78.1	1.104.1284.	•	5	5	1/4	30.30	78	76	74	78		- **	7	
Noon.	6	5	84.8	1.1.94.9/4.04.	**	5	5		30.30						cir.cum	8	

117. 3 Distance run by Patent Log Course and distance made good since preceding noon by observations, Jr. 19 2 04. // 0 knots. tenths 40 054, 1. " (Latitude by D. R. 63 0 54,04 " Longitude by D. R. Position at Noon: 40 0 55. dr " Latitude by observations of O 63 0 32 , 94 " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. from Norw

Longitude by Observation 40038,1.11 63011 194. 11 Position at 8 P. M. { Latitude by D. R. from Now Longitude by Elemente from afternoon observation o 41021,1.11 63051,04.11 Current during the time, 16 knots tenths per-hour, setting to the East.

Servor of the Compass by Azimuth O observed at 8 a, 9m., ship's head

J. J. U. 160 17. 84. Deviation of the Compass by Azimuth \odot observed at & @.%, ship's head @.% of the Compass by Azimuth \odot observed at #.%, ship's head 39.94. variation used, 17000 . W 1.04.3/4 94 17.38.94. " Deviation of the Compass by Azimuth O observed at # O. N., ship's head 4 . 08 Ot. variation used, 17 0 20 . W. 400 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 2100 Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, tons 158 .. /330 Coal remaining on hand at Noon,

P. M.									1					1			
		3	91.1	N. 191.3/4 94.	04. FW.	5	7.5	1/2	30.28	78	77	74	73	b.e.	cir.eum.	8	· f
			96.8	19. ly N.	<i>p</i>	5	7.5	1/2	30.28	78	78	74	72				
3	5	3	2.1	N 04. 3/4 N.		4	6-5	1/2	30.28	78	78	74	72		-	9	
4	4	2	6.3	A 94.	\$91. by 04.	4	6.5	1/2	30.26	78	78	74	71	-1-	= .	9	
5	4	5	10.8	,	,,	4	6-4-	./2	30.26	76	76	73	70	в.	none	10	
6	8	5	16.3	104:14 N	**	14	5-6	1/2	30.26	75	75	71	68	b.m.w.	•	10	
			22./		**	4.5	5.6	1/2	3026	73	73	70	67	1,		10	
8	6	5	27.6	A 04.		4.5	5-6	1/2	30.27	73	73	70	65	b.e.m.w.	cum strak	9	
9	3	9	31.5	194.3/496.		4-6	5										
10	1	3	32.8	494. by 94.12 Ok.	POLly P.	4.5	4	1	30.28	74	68	66	65	b.w.	* more	10	
11	2	0	33.2	Q. 494.	. 0	4.5	4	1	30.28	74	68	66	65	,			
Mid.	1	8	33.9			4-5	4	1	30.28	74	68	66	65	-		10	

, U. S. Navy, , 18 9 4.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

(Midnight to 4 a. M. Generally clear with passing rain clouds and scude from Old. Onodevate to stiff breye from Old Onoon row about 12. 40. Course Ol by the word on the first tack, under for topmast staypail and all plain sail to topgallant walls except a single neef in the manuscil. Apprentices at the wheel JUH Caparton.

From 4 to 8 a. M. Sintuan & Sty & Benefit and M. by 9. Fair and pleasant By the wind on pool tack under same each as in preceding watch! apprentices at the whele.

Drom 8 a. M. to Presid.

Shear. Moderate to stiff Every from Oh by L and Oh of the Concer Oh by A. (g.c).

By the wind moder same earl no in preveding watch. Oh J. 30 mustered at quarter and then mustered all the apprentices in their own parts of the ship and examined and intervited them in their duties on Confination Gill, until 10.30 Dens 10.45 to 11.45 the second watch had practical assumenting and the 3th watch against Oh 10.30 eighted a steamer standing E. 4 F. (g.c.) Exchanged tolors with her and made her oil to be a Jerman tramp steamer. Apprentice at the wheel Temperature of magazines 172, 743, forward, 772, 752, aft.

From Pherid to 4 P.M. Shear, warm and pleasant. Staff to moderate brey from A. J. A. to F. H. by W. Barmeter falling Cinder all plain earl to topgallant early except as emply neef in manial by the writer on the post tack. Bonce O. 4 H. H. W. (p.c.) The appendices or hauling clothing during watch appendices at the wheel.

Roger Welles I, Derm H to 8 P.M. Energy Phys Jens Flb. by W. Dening watch eighted a steamer, apparently an oil steamer, standing to Ed. and another steamer apparently a liner standing to P.d. all seld of watch index all plain each to topigallant sails, heading N. Count & N. W. W. apparently a liner standing to D.d. and another steamer apparently a liner standing to D.d. and another steamer apparently a liner of N. W. W. apparently as the wheel.

Dum 8 P. M. to Mid.

Shows & G. M. to Mid.

Shows & Show to Show the Show of t

Examined and found to be correct.

J. B. Me illow, Serigator, Sieutewant & F. H. Navigator.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from Norfolk Va. to Rewport R.S.

-	-	-				-		-		_	-	-	-				-
		1	Reading		WIND.				BAROMI	ETER	TEMI	PERAT	URE.	State of	Forms of	Clear 10ths.	- See
Hour.	Kuote.	Tenths.	of Palent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Cionda, by symbols.	Prop. of Sky, in 10	State of th
A. M.																	
1	2	1	36.0	NOX. by 94 3/494.	FW. by F.	4	5	1/2	30.27	73	68	66	64	b.w.	none	10	9.
2	2	8	38.5	(0	4	5	1/2	30.26	72	67	65	-64	*	h	10	14
3	2	2	40.0	CH. A Ch. 14 CH.	*	4	5	11/2	30.25	72	67	65	- 63		"	10	
4	2	2	41.1	(24.494.		4	5	1/2	30.25	1/2	67	65	-62	, "	"	10	.,
5	2	3	42.5	A 94. by 94. 34 94.		4	5		30.25	- /				b.c.m.	cum.	9	.,
6	2	3	44.5	-		4	5		30.25						*1	9	-
7	2	٥	45.5			4	5		30.26						**	9	
8	1	7	47.2	1-		4	5		30.26						cum etia	1.9	
9	1	18	48.3			4	2	- 1	30.26		,				none		94.
10	6	2	54.5	-		4	5							b.c.m.	cumetra	1.9	-
11	5	1	59.6		~ · · · · ·		8		30.26							9	£
Noon.	5	1	64.7	Q. A. Q. /2 Q.	T. S.	3.4	4	/2	30.25	72	68	67	66	b.c.	Cir: eum	. 9	
										-	97500	-					

	ruce run by Log.				
Course and distance	e made good since preceding noon by	observations, A 492 W.	62 knots. te	enths.	
	Latitude by D. R.		41 034 'N.		
Position at Noon:	Longitude by D. R.		64048194.		
Position at Noon.	Latitude by observations of O		4103518.		
	Longitude by chronometer from Fo		64 °37 'St.	<i>H</i>	
	(Latitude by D. R. from Nom		41 081 'N.	"	
Position at 8 A. M.	(Latitude by D. R. from Nome) (Longitude by Observation O		64013 1 94	"	
	(Latitude by D. R. from Nome	<i>,</i>	41047 .W.	"	
Position at 8 P. M.	Latitude by D. R. from Noon Longitude by Chronometer from	mi afternom observation o	65015.94.	u	
Current during the		r hour, setting to the East.			
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 /		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,	0
Error of the Comp	ass by Azimuth O observed at	, ship's head	0 1	"	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	0 /	variation used,	0
Water expended du	ring the preceding 24 hours,		4.00 gal	lons.	
Water	during the preceding	24 hours,		4*	
Water remaining or	n hand fit for use at Noon,		1700	**	
Coal consumed dur	ing the preceding 24 hours,		tons //20	lbs.	
Coal remaining on	hand at Noon,		158 " 210		

1	1						1						-		1-		
	M.				0	-0 - 0 0	1		,		,		,		cum.		0
	1	3	5	68.2	94. A 94.	99. ly 9.	4	5	1/2 30.24 7	72	68	67	63	6.0.	cir . um.	7	d.
	2	4	8	73.0	20	, 0	4	5	./2 30.24 7	12	68	67	63	,		6	
	3	4	6	77.6		6.	4	6	1/2 30.23	72	68	67	63	,	-	5	
	4	4	9	82.5			4	5	1/2 30.22	72	68	67	63		-	5	
	5	4	4	86.8	-	•		5	3/4 30.22 7	72	68	67	63	0.0.00.	cum mint	0	
	6	6	1	91.9	1.01. by 94.	gen.	4-6	6	3/4 30. 22	72	70	68	69	0.0.60	ninh		
	7	5	6	97.5	104.1/2 N.	991. by 94.	5-6	8	1 30.22	73	68	67	66	.,		0	٠,
	8	4	7	2.2	104.0/4 N.	04.904.		7	3/4 30.23						.,	0	-
	9	1	5	3.0	Louth	Ot. by J.	5.6	5.8	1/2 30 25						4,	0	6.
	10	1	4	6.1	Fly W.	Otest	3.5	5.8							-	0	4
				7.5-	1		4	5.8	1/230.26 7						"	3	-
				7.9	\$ 1/2 OU.				1/2 30.27 7							3	-
1				11					11		-/						-

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 D. M. Moderate breeze from 901 by I blear and cool Bright moonlight through dev. Fronth sea. Thom rose at 12.40. By the wind on port tack undigit, spanker, forwail and topsails apprentices at the wheel. ROL

Oum 4 to 8 a. M. Tientenant Q. G. K. bleau and meety boryon. Proderate breeze fine I Or by T. By the sound laying cony close under same sail as in pleceding watch. Burse Or by b (fc) U 5 a In sighted a large strange with three smokestacks heading Or by b (pc) about two miles to unidual W 6 am. another stance was eighted from mast head brading to Ex. apprentices at the whill

Lieutenant U. J. M. From 8 a. M. to Overid Sleav orrhead with mity horizon. Moderate breeze from 48h f. 5. to 9.90 at 8.30 set manifeld and for topment stayard and at 9.00 topgetlant rails. At end of watch under plan sails to topgetlant rails at the manifeld to topgetlant rails on the part tack. Locue 8h f. h (20) From 9.45 to 10.00 the first watch band interesting in compass log and statemed at abandon ship; seemd and 37d watcher petale, from 10.45 to 11.30 all watcher got up both bown chams and had sustantition in page-jumper of magazine forward 772.74°, after 16° 74°.

Ensign W. F.M. Our merid to 4 J. M. as follows: from 115 to 2.00, 1st watch ground tooks; 2nd watch grown touth from 2.15 to 3.00, 1st and 2nd watch grown touths; 2nd watch grown touth from 2.15 to 3.00, 1st and 2nd watcher, grown touth grown to 3.45 called away all brate armed and somety rand equipped for service when histor to be offered Ouchauled and seech below both how chance At 3.50 took in voyale and bailed down flying fit. At end of watch under all plain each to top gallant each heading. It Is to the work to the work of the connection of the whole. N.J. Colman

Oneign Q. J. OK Oum 4 to 8 P.M. blody rainy fragy and unsettled wrather Groderate breey from Fot, orining to Ob. Fot, and university to a fresh breey with presering shower and frage at 5.30 to 16 in and fulled trygallant earle. This by the wind on spot tack at end of watch, under for trymant staysail and plain sail to topsail, except emigle neef in manusail appendices at the wheel.

M. Xaperton · Lieutenant Qu. J. Dr. From 8 J. M. to Mid Greek to moderate breeze from Oh by F. and Okeal. Thick forg frest two burns, afterwards cloudy, with staw abraining as intervals. At 800 called all hands, wore ship, burging Forth of hands up mainsail, took the intervals with the wind on the radio and tack, heading Forth, hands up mainsail, took the intervals. two shall need in the topsails and hauled down for topmet staysail. Inuded for how at intervels of not more than two munites until 10.00 when for cleared. At end of watch under jet, eparker, foresail and double neefed topsails. Apprentice at the wheel. At 8.00 changed course to M by 3 Trentemant M. J. M.

Examined and found to be correct.

of magazines, forward 77°, 74°, after 76°, 74°.

J. B. Me illow, Navigator, Lieutenaul N. J. M.

LOG of the UNITED STATES Thip Essex Thuid Rate, Making passage from Chorfolk Va., to Viewport & S.

-	7	1		0 0					n a nown	mnn						4.	4
Hour.	Knota.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	WIND. Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.				Waterat N	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Cles Sky, in 10ths	State of the Se
								-			=						- 00
A. M.	42	19		-A .	<i>a</i>								, 3	0			1
1	1	5	18.7	9 by 24.	Ob. by A.	4	5							b.c.m.	cum sumil	3	6.
2	-1	2	8 - 8	of by 04.12 04.		4	5	3	30.28	74	68	65	64	4	. 4	3	
3	1	0	8.8	0 ,,		3-4	4	3	30.28	74	68	65	64		~	2	
4	1	0	Hauled is			3	4	3	30.29	74	68	65	-64		**	2	.,
5	0	6		9 by 6.	04.904.	1	2	3	30.31	74	68	68	69	o.e. f. p.	wint.	0	On.
6	0	6			Chast	1	2		30.32					- 4/	٠,	0	4
7	0	0		No eterrageway	**	0-1	1	0	30.33	73	68	67	69	**		0	
8	0	0	٠,	0		0-1	1	0	30.34	72	68	67	68	14		6	٠,
9	0	0			J. 94.	0-1.	2	0	30.33	72	68	67	69			0	£
10	0	0				0.1	٤	0	30.34	72	69	69	69	0.0.		0	
11	0	0			Calm	0	2		30.35							0	
Noon.	0	0				0	λ		30.35			,		-		0	
				•													

48 8. Dista	we run by Log.		
	e made good since preceding noon by observations, A 75 º W.	/ 5 knots. tenths.	
	Latitude by D. R.	41 °36 'N. "	
Position at Noon:	Longitude by D. R.	65 007 194. "	
Position at Noon:	Latitude by observations of ②	41 036 N. "	
	Longitude by chronometer from Forenoon Observations of ②	64 0 50 184. "	
	(Latitude by D. R. from Norm	41036 · M "	
Position at 8 A. M.	Longitude by D. R. from 4 P. M. June 28.	65007 194. "	
	(Latitude by D. R. from Now	41026 11. "	
Position at 8 P. M.	Latitude by D. B. from None Longitude by D. B. from 4 P. M. June 28. Latitude by D. B. from Norm Longitude by Chromoneter from a freework observation of	65027 . 2. "	
Corrent doring the	time, 12 knots tenths per hour, setting to the East	· ·	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o variation used,	
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	O 1 11	
Deviation of the Co	ompass by Azimuth @ observed at , ship's head	o variation used,	١
Water expended du	ring the preceding 24 hours,	300 gallons.	
Water	during the preceding 24 hours,	44	
Water remaining or	n hand fit for use at Noon,	1400 "	
Coal consumed duri	ing the preceding 24 hours,	tons 320 lbs.	
Coal remaining on	hand at Noon	157 " 2/30 "	

Р. М.																	
1	0	0	Hauledin	No steerageway	· balm	0	2.3	٥	30.34	73	71	70	69	. b.o.f.w.	air. www	5	£
2	0	0			04.994.									b.o. f. N.			
3	-1	0	08.9	9.96.	994. by 24.									b. o.v.			
4	0	9	9. 8	9. 96. O4. 14 M.	. "									b.o.			
			16.9														
6	7	9	24.8	"		1	0	0	30.35	72	71	70	69	**	CLLOW.	24	-
7	7	5	3 2.3			1											
8	7.	0	39.3		A	1	0	٥	30.35	- 72	71	70	70		eir.	6	1
9	6	2	46.8	Ot ist.	901.	2								b.o.w.	cum etra	49	9.
10	7	2,	64.0	*				0	30.35	76	69	68	65	.,	um		
			61.3				0	0	30.35	76	67	66	60	-		9	~
			68.5			3	0		30.34							9	
																	-

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Chidnight to 4 a.M. Clady mixty occasionally Gentle to moderate breeze from Whyth. By the wind close, under sake sail as in preceding watch. Emily Type Shoppy sa. appendices at the which.

From 8 a. M. to Onerid.

Ourcast, foggy and drighing blearing at times. Colon to high due from N. V.

Baroneter neing. At 9.30 minited crew and supportatives at greaters and inspected oil skine of appointees.
By 9.46 country to 45 for quarters and the division were reported ready in the following times. I division 3 minites; 2nd division, 3 minites; 3nd division, 3 minites; brighton division, 3 minites. Africand at 10 o'clock. At 8.45 made all plane and to toppelled sails and at 10.30 took in maintail and aparter. At end of watch under all plane sail to toppelled sails except manual and eparter, with no streaguray heading 6.76. Some 9. by 9. appendices at the while designeeties of magazines 772,742, forward, 76,742, aft.

From O'Merid to 4 49%.

Stewardly cloudy with frog freet hower; vain from 2 to 30 clock with indications of clearing last home. Calm rand light aim from 0. 30 th to 40 by 4. At 12.4 or started free under britism of clearing last bound 4 the private for instructions were mitted on account of rain: the 5th period wave devoted to shortening and furling soil At 3.45 took in and furled topgallant early topgasle and forward At 10 clock fulled the manifest and year corn, top and made corne. At 3.45 started ahead on engine and longht ship on corner of the 1.6 or patent by reading 8.9 miles. Apprentice at the wheel. At such of watch ahip reading 18.9 miles apprentice at the wheel. At such of watch are such sections of the corner of the corner

Frank to 8 P.M. Swite and J.M. by W. Fair and pleasant. Long evell from Web. On course It to N. per Franked under stam, jit and eparter, using boles it, 6 and D. France and alushed apart. arrage stam, 54 lb. Consequ nordetime 44. appendices at the wheel.

Firm 8 O.M. to Orid.

Shear and damp. Light to quite breeze from FE. Steaming with jit and epacker set. At 8.10 changed concer from At 4.4. I check (p.o.). New Mittine 44. I tram presence 55-lb. Dries under Viller H. & and D. appentice at the wheel.

Tientenant U. F. &

Examined and found to be correct.

J. B. Millin, Navigator,

of the United States Phip Essex Making passage from Chorfolk, Va., to Chewport, R.I. 0 30.32 73 65 64 58 b.c.w. cir.cum. 9 3 2.4 Otest 7 3 75.8 81.8 0 30.32 72 65 64 58 3 2.4 0 3031 72 64 63 57 b.c.m. 87.9 0 30.30 71 62 60 57 b.o.f.w. cum. 3 8.4 2 0 30.81 70.60 59 55 0 30.32 68 60 59 55 6.0. 6. 1. 0 30.32 66 60 59 55 b.a.m. 14.6 0 30.30 66 60 59 55 0.c.m. 8 22.4 0 30.32 66 60 59 55 0.0. . 29.2 0 30.31 65 60 59 55 6.0. f. 33.3 0 30.31 65 60 59 55 3 2 4 0 37.3 0 30.31 65 60 59 55 Noon 4 41.9

132. 2 Distance run by Patent Log Course and distance made good since preceding noon by observations, $\mathcal{G}_{\gamma\gamma^{\sharp}}$ %. 120 knots. 41 008 . 1. " (Latitude by D. R. 67 030 , 94. " Longitude by D. R. No observationi Latitude by observations of O 67 0 30 . 94 " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by D. R. from Noon
Longitude by observation 4101318 " 67007.04. " Position at 8 P. M. Latitude by D. R. from None 40056.4. " 680 16.96 " Longitude by Chronometer from afternoon observation tenths per hour, setting to the , ship's head Error of the Compass by Azimuth O observed at , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at , ship's head Error of the Compass by Azimuth O observed at , ship's head variation used, Deviation of the Compass by Azimnth O observed at 400 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, 1000 Water remaining on hand fit for use at Noon, 9 tons 240 lbs. Coal consumed during the preceding 24 hours, 148 " 1710 " Coal remaining on hand at Noon,

-									1								
P. M.	3	3	45.2	24:14 st. 24:14 G.	994.	3	2	0	30.31	66	61	60	55	b.o.f	Cit. euro	2	g
2	3	2	48.4														
3	4	5	52.9			3	2	0	30.30	66	60	54	54	0. f.	unit.	0	
4	3	1	56.0				2	0	30.24	66	60	59	54			0	
5	3	8	54.8			3	2	0	30.29	65	60	59	54	· f. ne		0	
6	5	2	65.0			3	2	0	30.29	60	60	1.59	54	b.c.m.	cum nint	5	
			69.6				2	0	30.30	65	60	59	54		cum sint.	4	
			73.9			3	2	0	30.31	65	60	59	54	, , , , , , , , , , , , , , , , , , ,		3	-
9	2	5-	77.9	04.3/4 8.		3	2,	0	30.32	68	60	59	54.	b.e.f.w.	cum. anisk	2/	
			81.6		**	3	2	0	30.3%	68	60	59	54		**	2	
			86.5	"	**	3	2										
			91.0		**	3	2	0	30.30	68	60	.59	5H			2	
												ı					

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear and pleasant to foggy last half how. Gentle breeze from 5th to 5th by I. Under steam, jet and spanlier, or corner Orbet (pc) at 100 stopped engines and got a cast of the lead (Thomson Practine) in 86 fathome brown sand and course gravel, and at 230 in 5th fathome, brown eagle, black expects and broken chelle. Apprentices at the wheel Thom 55 lbs. Revolutions 42. Started for white at 3.50 More we at 110 O'come 4 to 8 a. m Gungw W. Sh Derivant and foggy with rain and mich at time. Gentle to stiff brey from 594 by 9. At 4.05 aland down and blue white we account of forg. At 5.30 recurred fell exceed and set for topmach etapails and main trysail. At end of well under etapa, in course & 14 4 1. So now the following easils. jet, for topmach etapails main trysails and expanker, in course & 14 4 1. As 5.30 changed course to & 14 4 1. Jack by patent long reading 3.7 At 8.0 clock took conducting, 31 fathome, fine gray cand. apprenticio at the wheel. awage than 55 lb. awage revolutions 45. n. V. God sman From 8 W. Mr. to Merid Orim 8 W. Mi to Mend with blue sky orrhead and thick for all of watch Gentle breyer from I.M. Thest whith apong from 8.00 till now. This on hu some Mit N. (40) under stane and all for and affected in Appendic at the while Hot each of lad at 11.00 in 26/2 fathous water bottom gray and with Hard especies and at now in 29 fathous bottom same as at 11.00 Temperature of magazines 76° 74°, formed, 75° 74°, aft. Arrage strange of the migration of 10.00 faperator. From Merid to 4 990 fush two bonce 3 or for and aft soil at 2.00. Running watch sky showing at interact of fush two bonce 3 or in for and aft soil at 2.00. Running we slow speed under our hely all of watch, saccest from 2.17 to 2.30 when went alread at full agend, the fig chaning during that time. Somewhat steam which at interact of not more than two minutes. Itstimed brokents cloff and on forcastle and poop. It is east of the lad at 3.20 in 2.8 fathous of writer bottom free gray and with black speechs. By order of boundarding Officer and on recommendation of Board throw miloraid 27 pallows of brane condument by Sunterly Board of Jury. Bontactoris names 6.6. alread October 184 orders of the Commanding Officer, changed couls at 115 to 148. per Randard, patur leg 428. arrange ateam 55 lbs; revolutions 30.5. appentices at the wheel. ROL From 4 to 8 P.M. Lieutewant U. J. W. Foggy and miety Partially clear mechand at times Gentle bury from 9. M. Course 9.14 & (ge) I transage with free under bottom A. C. and D. Punning alow during foggy partie of watch at 5.50 attacked wheat fall speed and at 6.20 aloned down again. At 80 clock get a cast of the Band in 21 looking the gentle of the Band in 21 looking the gentle of the Band. in 21 fathome, fine gray sand and black speeche. Stopped one minute while getting sounding apprentise at the wheel. Hurall, From 8 Pm. to Mid Trentewant U. J. N. Very fragoy cleaning occasionally withead . Gentle beey from IN . Under atom alow at alm apred . At 824 changed course to W. H. G. (p.c.) at 12.00 got a cast of the lead in 21/2 fathome, bottom gray and, five black appeals. apparentices at the wheel. Roger Welles, In ... Suring W. 9. 91. Commander, M. H. Dt., Couly. J. B. Millow.

LOG of the UNITED STATES Ship Essex Phird Rate, Making passage from Phorfolk Va. to Newport R.D.

				0 0	<i>V</i>	1											
			Reading		WIND.				BAROME	TER.	TEMI	ERAT	URE.	State of		Clear 10ths.	3
Hour.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C 8ky, in 10	State of the
A. M.	4	9															
1	4	3	95.3	Ox.3/4 J.	SM. by S.	4	2	0	30.30	66	59	57	54	b.c fes.	am.uii	8.9	9.
2	5	7	1.0	64	. ,,	4-5	2	0	30.30	66	61	61	56	b.c.p.	"	4	1 00
3	6	3	7.3		4,	4-5	3	0	30.30	66	61	61	57	t.c.w.	"	2	
4	6	2	13.5		991. by 94.	4-5	3	0	30.30	66	61	61	57	r -	1	1	**
5	5	9	19.4		. 0	4	2	0	30.3/	66	61	60	54	b.c.	cir cum	1	.,
6	5	6	25.0	h .		3	2	0	30.32	66	61	60	54	"	neint.	2	4
7	6	1	31.1	6		3	2	0	30.32							4	~
8	6	2	37.3	io		3	2	0	30.32	66	63	62	55		Cir euro	. 5	
9	4	9	42.2	101/4 94.		3	5	0	30.32	66	64	63	59	b.c.m.	-	4	0,
10	7	8	52.9			3.4	5	0	30.32	66	64	63	60			3	
11	1	5	61.9	19:14.11.		3.4	5-10	0	30.32	67	65	64	63	٠.		15	
Noon.	9	6	71.5			3.4	5.10	0	30.31	68	66	65	64		-	5	1
	ľ		*							-				-			1

1304 Dietaue	e new by Patent Log.		
Course and distance	e made good since preceding noon by observations, \$80° %.	/20 knots. tenths.	
	Latitude by D. R.	4004711."	
n tri N	Longitude by D. R.	70 005 104. "	
Position at Noon:	Latitude by observations of O	40047 11. "	
	Longitude by chronometer from Forenoon Observations of ©	70011.94."	
	Latitude by D. R. Jum Noon Longitude by Premation	40 0 30 1 N. "	
Position at 8 A. M.	Longitude by Observation	69034,94."	
	(Latitude by D.R. from Now	41013 , N. "	
Position at 8 P. M.	(Latitude by D. R. from Noon Longitude by Chemometer from afternoon observation	71026.94 "	
	time, - knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 '	
Deviation of the Co	ompass by Azimuth O observed at , ship's head -	o ' variation used,	٥
Error of the Comp	ass by Azimuth ⊙ observed at , ship's head	0 " "	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	o' variation used,	0
Water expended du	iring the preceding 24 honrs,	350 gallons.	
Water	during the preceding 24 hours,		
Water remaining o	n hand fit for use at Noon,	650 "	
Coal consumed dur	ing the preceding 24 hours,	g tons — lbs.	
Coal remaining on	hand at Noon,	140 " 1710 "	

-	-								1		1					
P. M.	0	9		14.41.	4-00						, 1.	1,	2			9
1	5	5-	80.0	J. 4.7. 4.	9 %. by 9.	4	7	0	30.30	68	68	76	4 b.c.m.	Com mint	4	٥.
2	8	0	888		. *	4	7	٥	30.29	68	68	67 6	5 t.c.f. u-		2	
3	8	0	960	4.									5 b.o.m.		2	
			3 3	04.494.	-								5 fm.		0	
			82	**	-								5		0	
6	4	3	12,5	**			6									
7	5	8	19.2	494	-	4	7	0	30.22	70	69	68 6	6 7 b.e.w.	atial .	7	-
			27.8			4	7						8 -			
			34.1	Thips head	.,	4	6						9 b. f.w.		5	10
	-		chor	24:12 N.	.,	3							9 one we			
				04 . F. W.	Q1 9.04.	3			30.24	74	67 1	65 6	4 of w.l.		0	*
				Oh by 9.	04. by 9.								9		0	0
210.				9	11.090.				~ .	"	1		1			

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M.

Cloudy and foggy first how releaving last two hours with presing abovers. Fight to stiff brezil firm Tel by I to I'M by N. ath 120 forg lifted and exograd for signal and received fell exceed with the engines at 3.050 cloud put helm to standard and stord I'M for about fix munitive to avoid a large earling week, chowing a flack high and grew light at times. At 3.10 resumed course I I'M I winth auding breeze clear and to lecuned. I my soundings at 30 clock, 34 fathrone, fine grey eard. Itopped the unquee for two minutes. A end of watch under steam in bottom as be and D., or course No 34 9. appendices at the whall arrays revolutions 41, armays steam 55 lbs. 1 Coman

Clearing and pleasant, with have around housen. Gentle breeze from IN by W. Ship on her course No St. G. G. Nuder atrans. Or J. 30 exchanged colors with the German atranser "Provance and at 7.50 exchanged colore with a large stamer standing to the Eastward but could not make out her colore at 8.00 gl a cash of lade in 31 fathous water, bottom grey sand with black speck. At 8.00 changed crues to 4.9h. (pc.) patul leg 37.3 miles. Apprentices if the wheel among stams 55 arrange resolutions 44.5"

The of the stams of arrange resolutions 44.5"

The of the stams of the stams of the stamped areas of the stamped of 90. Jum 8 W. M. to Merid

Sentle to moderate breeze from FM by N. Frair worther mixty around brough. Emorth ara. Made the following change in the course by over of Commanding Officer: At 8 40 to N. N. Jatus leg 42.2; at 10.52 to 4% to be, patent by bo 5. At 8.15 made for and aft each except frying jet and for topmach stayout. At 10.00 called all bands and made all plain cail to regale except maintail . Stopped engine from 9.45 to 9.49 and get a cast of the lead with sounding machine in 28 fatherne witer (depth nearder 29 fatherne) bottom gray cand, black specks Topped engues again from 11.56 to 12.00 and get a cast in 16 fathome of water, the depth recorder and tule agraing inthin on half Jathon alf 930 cited all bands need the action of War, and had Janual Muster finding all joinent or accounted for Abnord order to a large forw-masted attaching to Ald. and Web., where order we could not make mb. ab und of witch under standling these brilers) and main topail rand all plain sail to exple except manifeld. areay Stam 55 lbs; resolutions 44. appendicion at the while Jamps magazine 17 20 fm; 16 20 4 46

From Merid to 499.

Mity and boyy, any dense back how. Dair to clody vached at times. Moderate buy from I. W. by F. at 12 m. changed course to the fig. at 12 22 to 4 W Holly Co. and 24 to 8 & 4 M (p.c.) God amentings as followed at 10 m. 20% feteres for grey and igelow agreede. At 3 P. M. 23/2 fathones, fine grey cand, black expects and 40 m 22/2 fathones, fine grey cand black agreede. Stopped a minute at each convoluing. At 110 took in wyale. Should drow on account of for and trop the aleast full exped. At 3.23 about drow on account of for and trop in toppellant each at 3.34 toops in toppellant each at 3.4 toops in toppellant each. toyonach etayosil, main trysail and aparter ach. Itean precure 56 lb. Revolution 42. Apprenticio al the wheel.

Jum 4 to 8 9. M. Lieutinant U. J. N Foggy to clearing last two lives. Moderate breen from I'll by I Nuder steam, jet, for transact staycall, formal, mum trupail and aparker in course I'd N. (p.c) entitle to to show changed concer to 4 N. (p.c) and work chead full speed. At 500 annutable in 23 fatherms bottom light gay could, black excels just is a 6.00 in 19 fatherms bottom gray could, black ascerts and gravel; and it 8.00 in 22 fethere, bottom light gry aand and black apecket. Apprentice at the wheel, Fteun 58 lbs. Robertime 35.

Roger Weller J. Eusign N. J. W. Firm 8 PM. to Mid. Elondy and miety with dietent lightning Moderate to quite bery from IN by I at yo close tros coming , 16 fethome, frie grey early bear aprecise and to 9.10 at opposed engineer and to 10.00 another aniding , 16 fethome, grey early bear aprecise at 8.40

tool me and field forcacle, and at 9.20 field all for und aff sail and at go fort auctor in 18 fathous inter as the weather was there Backed free under brilen a. E and 2. as 9 50 commond distilling at early of until anchoride sis 18 fathous water, with 45 fathous chain, builted free under bolorable and I settling N. T. Colin n. J. Coleman

Examined and found to be correct

J. B. Me illon, Suitement M. J. R. Precrypton.

Energy 96. F. W.

LOG of the UNITED STATES Ship Essex, Thereof Rate, Making parage from Norfolk Ma, and Mornd to bury Newport, R.I.

			Reading		WIND.				BAROME	TER.	TEM	ERAT	URE.	State of	Forms of	Clear 10ths.	Sea.
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C 8ky, in 10	State of the
A. M.				at auction													
1	62	6		04.991.	Ox. FO.	3-4			30.24	72	68	66	69	o.f.w.l.t.	unil.	0	9
2						3.4			30.24	72	68	66	69	**		0	1
3						4			30.22	71	67	65	69	f.l.	-	0	١,
4				994. by 94.	" -	4-5			30.22	71	67	65	- 69	4	-	0	
5			34.5	900	"	4			30.25	70	67	65	67	b.c.f.	Cir. euros	- 4	
6	2 2	5	37.0	Mudeuvay		4	5	0	30.25							5	
7	3	9	39.3	1.16	"	4	3	0	30 27					0.c.f.	mint.	0	
8	5	0	100	Thanding into Mergant Harbor		3			30.28	69	69	67				0	ľ
9	Dida	e e	uneut	994.	FW.	3			30.28	+70	.70	.70		b.c.	cum	7	
10			Flack	,,		3			30.28	71	71	70			-	8	Н
11	0	2	Flord	9.904	٠.	3.4			30.27	73	72	70				9	
Noon.	0	2				3.4			3026	73	72	70			-	9	

76. Distance run by Patent Log.	
Course and distance made good since preceding noon by observations,	knots. tenths.
(Latitude by D. R.	0 / //
Longitude by D. R.	0 • / // .
Position at Noon: { Latitude by observations of ⊙	o ' "
Longitude by chronometer from Forenoon Observations of ②	0 . "
(Latitude by	0 " "
Position at 8 A. M. { Latitude by Longitude by	0 1 11
(Latitude by	0 1 11
Position at 8 P. M. Longitude by Longitude by	G / #
Current during the time, knots tenths per hour, setting to the	
Error of the Compass by Azimuth O observed at , ship's head	0 '
Deviation of the Compass by Azimuth O observed at , ship's head	o ' variation used, o
Error of the Compass by Azimuth O observed at , ship's head	0 " "
Deviation of the Compass by Azimuth O observed at , ship's head	variation used,
Water expended during the preceding 24 hours,	600 gallons.
Water distilled during the preceding 24 hours,	530 "
Water remaining on hand fit for use at Noon,	580 "
Coal consumed during the preceding 24 hours,	3 tons /660 lbs.
Coal remaining on hand at Noon,	137 " 50 "
	,

M. 1	Glack	994. by J.	92.	3	3026 7	3 7	2 70	b.c.	cum.	9
2	0 1 320	rd		3	3.0 26 7	3 7.	73		cur etast	9
3	01.			3	30.26 7	3 7	74	-	1.	9
4	Flack			3	30.25-7	4 7	7 7 5			9
5	0 1 86	· 991.		3	30.21 7	4 7	572		1.	8
6	0 2 "	991. by 9.		3	30.21 7					7
7	0 2	9. Au.	J. F. W.	3	30.217	4 7	471			7
8	0 9		1	3	30.217	47	471	1.	1 .	8
9	0 "	fly 9.		3	30.20 7	4 7	68	6.0. m.		8
10	0 .	Porth	South	3	30.19 7	6 7	68	"		9
11	0 ,	"		3	33.19 7			"		9
id.	0	fly E.		3	30 18 7			0 c.m.	numb	0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to it a M

Pery thick and deves for all of watch Tigot for bile going at intervale of not longer than 2 milutes. Tenth to moderate breeze from 9.99 Sighting and thunder during watch Distilling with free banked under bolen a. E. and T. Terral schomer present close alread someting from atom beet and reading to the Eastward.

WALaberton. Willaporton.

Orem 4 to 8 a.M

Lientewant U. J. N. Moderate to gentle breen from Ch. It. Thick for until 4 30, after that clearing. Spread free under boiler a. C. and D. at 4.55, and stopped detilling at same time Called all likede and got underway at 5.25. at 5.35 etacted aboard on course ABL, you standard potent by reading 345 of 646 50 eighted Bentre Class Lightship brawing NIZE. At 655 partent bog reading 427, rounded Lights Philip and shaped course N. AE. Hearted in patall log at 6.32. At 5.35 set for and eft sail except flying jet. I not in all sail at 6.20. At 7.50 set clock based 20 minutes. At 7.08 made Ships minuter to the Emerication and when answered, british Int. 1211, Constellation assured and made gos. afterwards made Int. 5590 Constitution auruned and mode 90 4". At 7 St stopped engine and now howers to know Greated distilling at 800 aurung attam 55 lb; revolutions 38. Apparenterio at the which Everel sinking wretels in night during with Parenth in part the bountillation of the august of the land of hostel engine with morning to the boung to the bound of the second of the Lew Lewtenant W. J. W.

From 8 a m to Merid. Clear. Gentle to moderate breeze from F & Engaged in painting ship enterde. at \$ 20 made Interregatory 2121, Constellation ancurred gos. al 8 30 made Interregatory 5455, absenced gos. al 10 a on made Interregatory 4557; unserved go 4. Ab g a M loved sait to a bowline ab 10 a R allowed fries to dee not under briles 6. and I Banked fries under briles a. Lowned anoth stack Commanding Officer paid an official visit to the Commandant of the Raval Flation and received an official visit from an army for duty us the relief of Everyn Roger Weller for W & R. Lis Lientenant U. J. W.

Puno Merid. to 4 PM

Clear and pleasant. Gentle breen from FU Reserved in Equipment Dept. the following stone 18 circle manufe roge, 1 hayong, batch targunden, 4 cases, marked Wantrom chem, and 3 cases water coolone all energy the rope and bayeon bring returned to Training Ration for storage & n Weight (Opp 3.) reported on brand . At 2.55 made general segral Interrogation 4826 which was answed by Constellation with 904. Fresh all Distilling with banked fire under briles a.

Roger Welles In. Eurign Will. From 4 to 8 @. 90 Sistilling with banked fire under biler a Tent insiting party to Portemouth. Dentement U. & M.

From 8 P. M. to Mid.

party to Portementh returned Houted all broats. Destiling with backed fire in boiler a. Roger Chelles, fr. Examined and found to be correct,

J. B. Moilliam, varigator. Lieutenant & F. N.

LOG of the UNITED STATES Thip Essex.
Moored to Busy, Presuport, R. J.

Third Rate,

	3		D		WIND.				BAROME	TER	TEM	PERAT	TURE.	State of	Forms of	Sear Che.	· See
Hour.	Knota.	Tenths.	Reading of Patent Log.	Ships lead	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in luches.	Ther.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 6 8ky, in 10	State of th
A. M.	Did	al.	Gunent														
A. M.	0	,	Flood	Fh. 6.	Porth	2			30.15	75	70	68		0.c. m.	nint	٥	
2	0	,	19	9.98.	વે. વેંદ.	2			30.12	74	69	68		0. f. w.	4	0	
3	٥	,	.,	9 E. h, P.	96. by 9.	2-3			30.09					0. f. p		0	
4	0	1		9 ly 6.	. "	2-3			30.06					0.0.7.		0	
5	٥	1		.,0	44.	3-4			30.05					0. 8.2.		0	
6	0	1		C8 58 611	9.9E. Dudi	3			30.03							0	
7	0	0	84	G.F.W.	9.901.	3			30.00					0. f.w.		0	
8	0	0	1	Ju.	5.5 00.	3			30.00	,		, "			,	0	
9	٥	0	-	999	F91.	3			30.00		1					0	
11	0 0	0				3			30.00	,				b. c. f	cum.	4	
Noon.	0	0				4			30.00	72	71	69		"		4	

Course and distance	e made good since preceding noon by observations,		knots.		tenths.	
Course and distance	(Latitude by D. R.		۰	,	"	
	Longitude by D. R.		o	,	u .	
Position at Noon:	Latitude by observations of ©		0	,	"	
	Longitude by chronometer from Forenoon Observations of	o	o	,	н	
			0	,	"	
Position at 8 A. M.	Longitude by		0	,	"	
			0	,	"	
Position at 8 P. M.	Longitude by		o	,	*	
Current during the						
	ass by Azimuth ⊙ observed at , ship's head		٥	1		
	ompass by Azimuth O observed at , ship's head		0	,	variation used,	0
	ass by Azimuth ⊙ observed at , ship's head			,	u	
	ompass by Azimuth ⊙ observed at , ship's head		- 9	٠	variation used,	o '
	ring the preceding 24 hours,		40	0 1	gallons.	
Water distil			95	1	44	
Water remaining o	n hand fit for use at Noon,		1131		*	
	ing the preceding 24 hours,		1 tons 6	50	Ibs.	
Coal remaining on	hand at Noon,	/	35 . 11	040) #	

M.	P. 9 W.	900	4.5	29.98 74	716	69	b.c. m.	cit.	11
1	901. h, 9	0.20.	4	29.98 74				1,	5
2	901		4	29.98 74					7
3	J (M)	**					f. w.		0
4		**	4	29.98 74			1.00		0
5	,"		4	29.99 74			b.c. f.	cum.	3
6	9.01. Ly 01	99. h, O.	. 3	30.01 70			1.0. 7.	Colore	4
	Of by I.	019.01.						1	5
8	(M ey J.	J. Ca.	2	30.01 74			b.c.m.	rum shal	5
9	*		3	30.0175				Tumpas.	5
0	Fouth	balm	2	30.01 75			"	,	6
id.	JAUTH	10 alm	0	30.01 75				1	9

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. M. Overcast and vaining. Light to gutte breeze from South to 96 Barometer falling Distilling with landed I fine in boiler a. T. J. Coloman Cough & Th.

From 4 to 8 a M Mich and rain then fog and much. Gentle to morderate berry from IE. by I to I I be level in Dept. of Jupplie and accounts fresh permisers as follow 87 to live best 87 to like engetables and yo like broad.

The Gentle and M. I. I.

From 8 a. M. to Merid.

Occasil cloudy and multy. Isn'th to moderate breey from 9.99 to 59 h because tready. At 900 called all hands aft on the Suntenderk and recent the Commandant of the Drawing Station and his aids. The Commandant started at once with the following inequation and hille. They will a general qualities, according to the Commandant started at once with the following inequation and hille. They will appeal a general qualities, accorded for any acceptance to menting a seconder. Concerned at The Qualities arrange time of all atreasms? minutes, 3 accorded Lecurds, arrange time strainte 65 accorded Direction of discussion for all atreasms? minutes, 3 accorded Lecurds, arrange time strainte 65 accorded Direction, one discuss have not imputed. Sail and spee delile we follow. Track call to regal 5 minutes, 5 accorder. Fail and expenses the strainter of manifesters of accorder. The minutes of accorder that and expert years, bounded to accorde the minutes of 3 accorder. For the partial and safely years, bounder to accorde the strainter of the strainter of the strainter of the strainter of magazine of 12 forwards the strainter. The accorder that have the strainter of magazine of 12 forwards 15 12 for all the strainters.

Open Presid to 4 9.90.

Dogg and miety; cleaning at time. Moderate to stiff being from It. A Deserte (B. M. 2 c.) and J. M. Johnson (Jes) life the ship on seven days leave. Ot 1.30 made eighal page 5549 and Constillation answered gost . The board and mended full of sails. Of 30 clock made eighal page 5422 and Constillation answered gost . Which light sails made there my and struck there Received ask lights alongwise . Critical surfer stack allered free to be only under briles O., and stopped distilling.

7. I. Colsman

From 8 P.M. to mid.

Severally misty and damp Starlight. balow to gutte brey from N. F.M.

7. D. Sonan

Energy N. F.M.

Examined and found to be correct.

LOG of the UNITED STATES This Esslx, Phind Rate, Moored to busy Recupert, R. J. and making passage from Recupert, R. J. to Rew York.

			D. Har		WIND.				BAROME	TER	TEME	PERAT	URE.	State of	Power	Hear Hear	o Sea.
Hour.	Knots.	Tenthe.	Reading of Petent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea 8ky, in 10ths	State of the S
A. M.														0			
1	0	4	Flord	4. 96.	balm	0			30.01	75	68	66		b.c.w.	cum.	9	
2	0	2	.,	Level		0			30.02	75	67	66		**		9	
3	0	0	-	4		0			30.02	75	67	66		"	cir. cum	- 8	
4	0	0			FOU.	1			30.02	75	67	66		"	atret	5	
5	0	1		9. h W		1			30.03					"	cir . eum	6	
6	0	٥		Lenth	J. J. W.	1			30.04					b.o.		7	
	0	0		9.6.2.		1			30.04							6	1
8	0	0		South	S94.	1			30.04	74	69	68				6	l.
9	0	0		0,20000		1			30.01							6	u
	0	100	tanding	out of Harbon		3			30.00							7	1
10		,	banding	dol muse		2			30.00							7	
11			48.2	Q1 /4 g	•	1			29.99						stiat	4	
Noon.	1	4	44.6	94· /4 J,	*	1			~7.77	/7	10	7			-	,	

Course and distance made good since preceding noon by observations,			
Course and distance man g	knots.	tenths.	
Latitude by D. R.	0 '	"	
Longitude by D. R.	0 /	"	
Position at Noon: { Latitude by observations of @	0 /	"	
Longitude by chronometer from Forenoon Observations of . ©	0 /	"	
(Latitude by	0 /	"	
Position at 8 A. M. { Latitude by Longitude by	0 /	"	
	0 /	"	
Position at 8 P. M. (Latitude by Longitude by	0 /	"	
Current during the time, knots tenths per hour, setting to the			
Error of the Compass by Azimuth O observed at , ship's head	0 /		
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	0 /	variation	used, °
Error of the Compass by Azimuth O observed at , ship's head	0 /	"	
Deviation of the Compass by Azimuth ⊙ observed at • , ship's head	0 1	variation	used, o
Water expended during the preceding 24 hours,	431	gallons.	
Water during the preceding 24 hours,		14	
Water remaining on hand fit for use at Noon,	700	45	
Coal consumed during the preceding 24 hours,	6 tons 19	2 O 1bs.	
Coal remaining on hand at Noon,	6 tons 19:	70 "	

P. M.	1													
		8	61.4	04:14 9.	04.9%.	2		29.99	73	70	69	b.c.	cit. our	5
					**	3		29.99						
3	4	8	65.1	Heet		4		29.97	72	70	66		strat	2
4	6	9	72.0	94. by A.	Q. 19.	4		29.97	72	70	66			1
5	8	9	80.9	Under come of		1		29.97	72	70	66			
6	5	6	16.5	Commanding Officer	OH 9 94	3		29.95	74	72	68	b.c.p.	cirième.	2
7	7	1	93.3	Cheet.		3		29.94	74	73	69	ls.c.	um strak	7
8	6	5	100.1			3	- 1	29.14	74	73	69	4		6
9	6	2	6.3	4	Ox. A 24.	2.3		29.97	75	72	69	**	cum	6
		Ź	11.5		194	3-4		29.97	76	72	67			5
11	5	5	170		,,	2		29.99	78	71	67		am sail.	
Mid.	,	4	21.8	OH. 3/4 JU.	-	2		29.99	78	71	67	6.0.	-	3
10	5 5 8	2 2 5 4	11.5	:	"	2.3 3-4 2		29.91 29.97 29.99	75 76 78	72 72 71	69 67 67	и. в.о.р.	eum.	5 5

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. .

Bleav and very damp balm first three hour Light are from

Orm 4 to 8 a.M.

Den wather Eight are from between J. 994 and 894 Steady browneter. At about 645 Portunated made Intercognitive 4890 which was answered affectioned by Contestion and at 700 Portunated stood onto under the feel of Rocket Respect in Pay Dight from Contenting 71/2 lbs field beef 87/2 lbs field ergetables, 70 leave of bread, at 800 desend along have low faction in hour of the animology of the Independence of the United States.

Deam 8 a. M. to Merich.

Falling elightly. Made preparation for getting lindularly. It is so negated in gaugement and got stransing falling elightly. Made preparation for getting lindularly. It is so negated in gaugement and got stransing covers on main yeard, mash and top. Historial in all brate and count for sea. It elip reper on brief, and unshackled claim. At 9 to made segmed but, 4890 and bruthlater, amenind 904. At 950 21 go bury and stood who of Newyork teacher under orner of Commanding officer with strans under bulers. A. b. and D. Kanind Anne Assessed him. As the course Or 149, patent boy acading 432. At end of watch Tomb field highly box NE. NE. delically about the course Or 149, patent by acading 432. At end of watch Tomb field highly box NE. NE. delically about 270 mile, with Black Deland in eight on part brane, under atoms with free under brieve a. b. and D. 149, 55 atquired detailing. Represented on the ball of engagement of "The formand, 76" 44, aft. Grung estima 55 bb. Eleveration 42. Decay 14 fut is found. 16 fut grunds of A. I. De France.

Dear Merido to 4 P.M.

Partly cloudy and cooler wrather. Sight to moderate beyor from N. It serving to O. A. N. Last how. Come M. I (pt.) with 2.15, when it was changed to Neel (pc.) and after that it was changed from time to time, beading for the Rose Meder steam with free under briler it, 6 and "5 many earle in night apprentices at the while areasy steam 55 lbs. arrange revolution, 445 W. L. Aperton.

Sim 4 to 8 O.M.

Partly clady and pleasant. Eight to quite brew from N & N. to N. N. Barmeter.

falling Standing up Long Petend I and under come of Commanding Officia. At end of watch Comfield bight This NE. by E. 1. E. (mag.) and Horton Onich Light S. S. E. 1. E. (mag.) On cour Nech with attain under Inlin a. E and S. Pared many sail during watch apprentice at the what arrange steam 55 lbs. arrange revolution 44.

Dian 8 P.M. to Mid.

Partly clear with passing chance between 10 and 110 clock Sently is mordinate brever from No. 4. M. and 1. No. bours Noel (po) with 11. 44 when it was changed to Wood 44 North (pc), patent log rading 20. 4 miles Parent Daland Light at 9. 47 on standard learn learning 1. 14 % (mag), district 5.5 miles N. 10. 25 Are Hoard Light borr atrans, N. 14 % (mag) At 9. 30 eighted Diatford Flore dight having N. 4. N. (mag) Ruder other alms. apprentices at the wheel areasy steam 55 Us. array revolutions 33

The Dapenture of Market Comments of the wheel areasy steam 55 Us. arrays revolutions 33

Examined and found to be correct.

J. B. Mo illin, Navigator.

Lieutenaut W. & Ok.

LOG of the UNITED STATES This ESSLEX Steaming from Prewzent, A. J. to Chew York and

Phid Rate,

			Reading		WIND.				BAROMI				URE.	State of		Hear the.	П
Hour.	Knote.	Tenths.	of Pateni Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Looway.	Height in inches.	Ther. all'd.	Air, Dry Balb,	Air, Wet Balb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths	
. м.	7}	6													eid.		
1	5	6	27.4	94.3/4 A.	194.	1			29.98	78	71	69		b.e.	cum. simil	- 9	
2	3	8	32.7	Oh. by A.		1			29.98	78	71	69				8	ı
3	5	3	38.0	ON 1/2 A.	**	2			29.99	78	71	69			cia com	7	
4	3	8	42.9	West.		2			29.99	78	71	69			Com. strat	8	1
5	7	3	50.2	ON. 9 94 3/4 94.		2			30.04					49		8	
6	0	4	56.6	3 9. by 9. 44 94.		2			30.08	71	66	61		*	stret.	9	ı
7	5	6	63.0	Various courses		2			30.08	72	65	-63				9	ı
8	4	٥	67.0			2			30.09					ъ.	now	10	
9				,,		2			30.09		- '			t. Cr	Cum.	9	ä
0					40	2			30. 10	72	69	45			- "	9	A
1						2			30.08	73	75	61-			,	9	ı
on.						2.			30.07	74	76	68				9	

Course and distance	e made good since preceding noon by obs	servations,	knots.	tent	hs.	
	Latitude by D. R.	,,	0	, ,,		
	Longitude by D. R.		0	, ,,		
Position at Noon:	Latitude by observations of O		0	, ,,		
	Longitude by chronometer from Forence	oon Observations of ②	0	, ,		
	Latitude by		0	, ,,		
Position at 8 A. M.	Longitude by		0	, ,,		
n	Latitude by		0	, ,,		
Position at 8 P. M.	Longitude by		۰	1 11		
Current during the	time, knots tenths per ho	our, setting to the				
Error of the Compa	ss by Azimuth O observed at ,	ship's head	0	•		
Deviation of the Co	mpass by Azimuth © observed at	, ship's head	0		variation used,	0
Error of the Compa	ss by Azimuth O observed at ,	ship's head		, ,,		
Deviation of the Co	mpass by Azimuth O observed at	, ship's head	0		variation used,	0
Water expended dur	ring the preceding 24 hours,		40	o gallor	ıs.	
Water	during the preceding 24 h	nours,		44		
Water remaining on	hand fit for use at Noon,		300	"		
Coal consumed duri	ng the preceding 24 hours,		/ tons /9	20 1bs.		
Coal remaining on h	nand at Noon,		1 tons 19	0 "		

Р. М.	1				
1 Moned to word	e n.h.	1	30.07 76 81 71	ŀ. ₺.	cir.cum 7
2		2	30.01 76 88,71		- 6
3	1 h.h. b. h.	1-4	3a 04 7v 85 71	4	. 6
4	-0	3	3a of 75 82 71	**	- 7
5		, 3 '	30.04 75- 82 71		- 9
6		U	30.04 70- 82 71		- 9
:		U	30.04 71 82 71		. 9
8	W. g. h.	3	30.04 75 FO 68		- 19
9	gch.	2	So. 05 79 74 68	b	home 10
10	1).	1	50.00 78 73 68	v	. 10
11		1	30.06 77 72 65	,,	. 10
Mid.		2	80.06 77 72 68		. 10

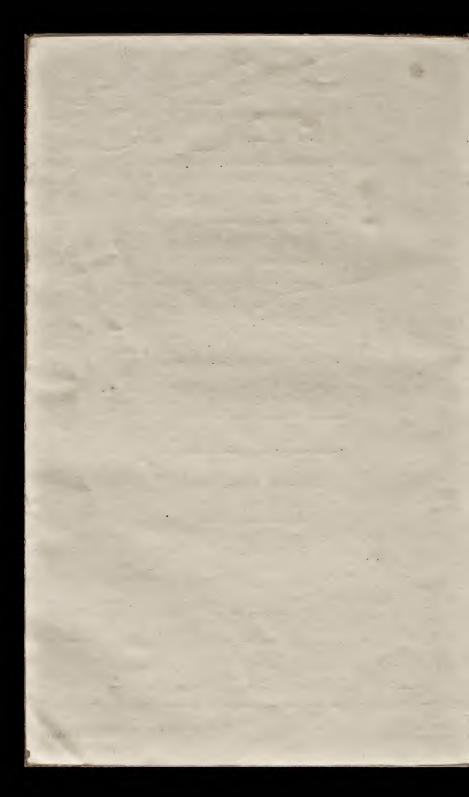
under the command of Commander F. W. Dickins Thursday, July 5

, U. S. Navy, , 1894.

2 wd l. loss bour feed le 1 ft & beneval Fix of About con J. J. Levily famul Mulligan - Fronk alle If merry h f. Tales Jeb. Gelahrist A milaty F. M. Bucker asout. I must be sea. la Bodri H B. Graham M. H. M. 3 A chall the following changes at 314 to Well, patent Onul Goerschil L. a he of mum M. F. Hummer al 12 89, distant 2.5 & a nanh Win Brady 15 & Kowey av alram at 3.20. at 1. J. Hosmanck 6 W. Torello It I howell dean 56 lbs. Revolutions Mr. M. Dromby a this H. a. Clau eleen, lo & Bullot k A & Cowell 1. Hubschneam " Lieutenant W. J. W. hut Pagan Mr. To Caudler a & tolura ing Island Sound under a took charge of the 7. Jouhert J. Recker A f. bom alley aptain 50'clock; Execution Co Lavarang L 1 13 Robin 4. & limille nd of ship according C. & stuly w during watch. About higgs Pleck Light and in at wheel. Sent 7. 73 brawford 8. Preder C & plunty, 7. m. Poss le & brown W VE. TROOP. & h. hallo. Wet strifer of J. Colman J. Dallon 1- Las Deven I la Purull Eusign W. J.W. for wis S. F. Ryon tong a Hell Sale und Les Lawinger luder stran in Vi 1. 7 Sher I Lavally by the Fingson of my Pomile to 2. Anich 1-9.21. Merelud at Gustagne Purch J. H. Ruch chor: pursed Jung! und: Jun neadel f. f. prealue a Lindholm "yer"- at 10.30 herred to t. Dowler , L'has Lohuiller Intantaus "400". Dauleed 10 18 Planton 4. h 9 haxler 4. 7 7 howksom 4. 9 mg lown "a" The baflair baid J. F. Jum C & Long Llin Pour laplain all H. P. Fllenberge a. maria previous to transfer 4. Ruders a a marquarde Caperton. 7. Van Flyke 7 Stato Q. n. martin f. I macka "interant to for n George Feber G. mila I worm. brew a. Walsh If new gear Fires a mujor E. F. Webster C. F. Lamerer Mr. J. Werleinan of Fletcher H. F. Miller 8. Mr. Wright Lieutenant to & M James Finn C. J. Morg W Continued auriem J. & Talvu J. & more is so muchied in quantità Ho Landers -J G. moran Terent will their transfer factor, Soute de fines under bodens. a bothing famuretes, accounts & neases, both, and distilling und both a. M. Blazerton. Example and found to be a borden, a. b. rà, and dest eling und bolina. Remand More set at 9 4. "one bouled with borden, a. b. rà, and dest eling und bolina.

Examinad and found to be corned

J. B. Moellow navigator





Phidright to 4 a. M. Light airs to light breeze from NM Frair cord and phaseaut Gonorthera.

Cludes steam alms, etembring to the CHOS, thereof Song I sland Found. Phade the following changes in course at 12 a to 3 by by the patient log 291; at 2 200 to 3 by by by. patient log 327; at 3 14 to 3 by to 3 by the shell patient log 391, at 4 00 to 3 494 3 by, patient log 429 alafield Friend bright was above at 12 29, distant 2.5 miles. Eatons Grand Right was above at 3 20 at and of wretch, leading for Execution above, Eaton Print braining E by E. Arwage steam 5 of low Revolutione 31 5. Apprentices at the writer.

From 4 to 8 a. M. Suity cloudy and pleasant Eight breen from N. H. Standing up and Jasand Smind under come of Commanding affair until 6 h when Glory of Acculance came abraid and took change of the crowing of the control 6 at; Execution Rock, 6 at; Eands Cank 6 at; Execution Rock, 6 at; Eands Cank 6 at; Execution Rock, 6 at; Eands Cank 6 at; Execution Course of the Pilot to air the current. Passed many sails and steamen during watch about of with heading course up claused of Sath River under cours of Pilot between Therefore the Admit and Lindow Crown I with atrans under brilers at 6 and 2. I assume and a appointment while Sent down top allant yaids at 4.30.

From F a. M. a Mendian:

Course F a. M. a Mendian:

Course F a. M. a Mendian:

Course F a. M. a. Many yand brill the follow of the Course blader alone and for the follow of the Course blader alone and for the follow of the Course blader alone and for a follow of the follow of the Course blader alone and for the follow of the course blader of the course of the cour

Light to resolvate house from M. M. In M. and N. M. F. Four and women. I seek ungaged during gover and decemed by finny, and riving off new goor Fires bolded under bollets, als so, and distilling and how to

From Lts & Coth.

Solver and women. Hench burges from No by a busing to to fir the tradition of universes order remaining general conditions and the former of remaining of new speed. 1843 o present as guestes duck with their hammers, beginned with time, all the left with the unique of the lateral transfer of the former times and the second of the sec

boulers. a look, and deal eling will bound bluesand More set at 9 4 the fine bouled with boulers. a look, and deal eling will bound a.

Que Reach, Lucking & Marketing will bound a.

J. B. Modlow navigator

Examined and found to be cornel -

			Reading		WIND.	V	V		BAROME				TURE.			Rear the.	Sea
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Ciouds, by symbols.	Prop. of Cle Sky, in 10th	State of the S.
														•			
A. M.				Moned to Dock	P.W.	1			30,06	77	71	68		b.	rine	10	
2					0	1			30,06	76	72	68		',		10	ш
3				-	Colu	0			30,04	78	72	68				10	
4					**	0			30,04	78	71	68		b. c.	strat	9	
5					49	0			30,05	78	70	67		b. c. n.	circum.	1-	
6					f. E. Lyf.	0-1			30,04	71	70	67			,	1.	
7					0 . 00	1			80,05	75-	69	66			nimb.	2	
8						1			\$ 05	74.	69	66				4	
9					Louth	3			30.03	75	69	66		44		2	
10						3			30.00	-					**	,	
11					,	3			30.00					D.c.n.l.t.	wint	0	
Noon.						3			30.00	,						0	

Course and distance	e made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②	0 /	
	Longitude by chronometer from Forenoon Observations of ②	0 /	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
n	(Latitude by	0 /	"
Position at 8 P. M.	Longitude by	0 /	*
Current during the	time, knots tenths per hour, setting to the		
Error of the Comp	ass by Azimuth O observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head '	0 4	variation used, O
Error of the Comp.	ass by Azimuth O observed at , ship's head	0 /	"
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, °
Water expended du	ring the preceding 24 hours,	417	gallons.
Water distille	during the preceding 24 hours,	900	м
Water remaining of	n hand fit for use at Noon,	783	**
Coal consumed dur	ing the preceding 24 hours,	4/7 900 783 / tons /52 /25 " 770	o lbs.
Coal remaining on	hand at Noon,	125 "770	16

Р. М.					11	11						
1			mored to Dock	9.96.	2.8	30.0	00 75	71	70	0.c.p.t.l.	numit	0
2					2.5	30	00 74	1 64	68	0.c. pt.l.g.		
3				*	2	29.	96 74	69	67	b.c.	cir.cum.	2
4					2	29.	93 74	171	68			3
5				**	Z	29.	92 74	470	68	-		4
6			Standing up East	*	2	29.	92 74	1 70	68	*	49	3
1 -		١,	River		2	29.	92 7	3 69	67	0.0.		0
, ,		67 .	A = 1 E /. c	**	2	29.	92 73	69	67			0
1 " 3	5	67. 0 73 5 81. 0	18 ly 8. /2 E.	Ĝ. ₹ 6.	2	29.	90 78	- 69	65		- *-	0
10 %	5	81.0	6. by st.		2	29.	90 76	67	65	-		0
		87.6	E/2 16	G. J/G.	2		89 76			.,	**	0
Mid. 7	2	948	<i>p</i> .		Z	29.	89 76	67	65	1	**	0

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Communes and until 4 a M.	
lo lear and pleasant. They's startight high ans from f W. a color of it is banked under tollers allowed, and distilling with their o	
allow Control of the state of t	2
NIO	
HPwell, Luchand-16 &	'n
From 4 to 8 a.M.	1
The standard lock of listing to 88 & the bound	ı
water to a loss of distilling the first of the first	
Four ito cloudy balon and light airs from f. t. of the bow weder bodies a lo. + David dishilling with boder at W. Raperton	
Dem 8 h. In to Oherid.	
Gentle breeze from Forth, Owncast with raw thunder and lightning last two his	us.
By order of the Commandant of the New York Ray Yand knowably discharged from the N. F. March Ser J. P. Lynch Francisco with 6 & Cartifacte to 9769, his terms of enlatement hing within Mr month of a expectation. Received in the Day Dept. from the secural Stockney of the York 1011 lbs. engar 200 lbs of coffee, and 66 getlow of branch I was stored into eton of Navy York by authority of Commandant of Yard all March Stockney of the Stored of Survey Received and of Gardon Cartifacter of the Stored of Survey Received to the Stored of Survey Received and Survey Received to the Stored of Survey Received to the Survey Rece	uc.
9. I digital Virtual Chate with 6. I confer to 19764 the term of endalment ling within the month of i	le D
expending received in the say Dept. from the sensel stonkeyer of the yard 1011 lbs. engar 200 lbs. of	-
coffee, and 66 gellow of brain Juned wite other at Way yand by authority of Commandant of Gard	GAL.
set of transform erecking Suned into atom grav (running rigging) condemned by Braid of Survey Received of	S
the W. J. W. J. Warrent with Foly warring and necessary wanter paperer W. B. frehunew Stamen, with &	J.
Bethealt VI 95 6, J. J. Johnny, Landeman and 15.6. Willen Grall Floor Manufacture to the the W. J. Maral VI	ate
Orralis 4.9.5 mile typ 3.0. and 5. selline tumin male betall, in heatmen the tracked wanter me	10
The state of the s	101
at of Madrom excluse Sund into star gas (numerical regions) Evidentual by Borred of Suncy Rexerced the Co. F. R. F. Darrens suite begge harmores and receivery transfer papers at & fortherms. Hamen with bestificate No. 9578, J. Lorrey, Landenson, and G. E. Gillen Endergree at the fortherm to the W. F. Navel H. Barkley N. G. J. Committed of the W. F. Navel H. Barkley N. G. J. Committed of the W. F. Navel H. Barkley N. G. J. Committed of the Start of the M. Theorem of the J. Committed of the Start of the J. Committed of the J.	un
bu fine Hashington Namb Hautoy . Temperative of maggine, 75°70°, for 72°70°, eft.	
Drown Oreside to 4 Pope.	ov,
blade Organish hick work Named Showers South to gethe breve how I FE wire	4111
to still from during at squally Received from QU & R. & Themmak with band and havenacker and necessar	200
to make to some Milliam Dory (6.0) and Harry King (Men attendant) Received in Equipment Dest 2	70 1
blondy Ownersh first part Thunders abover Tight to gentle breeze from I. I. E. were to stiff breeze during as equall. Received from I. I. B. T. Tremont with bages and harmosty and necessa transfer papers The Wham Dory (E.P.) and Harmon Thingo (Mess attendant). Received in Egregoment Tight 2: 3. Bet exper. 150 lb. 21/2 bet exper. 4 by ends # 4. Better courses, 41 years # 6 other various 24 hand beauter.	v
glober and 6 D. D. Banked free under boiler a. C. and D, and distilling with boiler A. B. Doly Coal	Pa
was transferred to the navel Scriptal at Brooklyn . Mr. for treatment and his execute were transferred to the & PRS	Ten
The transfer of the	v.
Sight buy from 9.96. Overcast at 432 called all hands immore alige bast off for deck at 445 and at 522 started up East Pirter under my bill gets 13.3. avalance coming Perest them	m
dock at 4.45 and at 5 00 started up East River under me hell gill B. D. armbarie comming Percent this	gh
as an are an est. action delicing other degree as 1.30 and 1.36 mount of accounting decreased engine	w
and discharged failet. at 438 made general eignal to Vermont Jut. 6183. Vermont arranged and made affect	mi
and discharged field. At 4 5 made general right to Germont Jul. 183, Person americand and small affect of June from the 4.45 ender bolero a, b. and I stopped distilling at 500 Gloved down frequently during wretch to charge person precise Correspondence 55 lb. Revolution 41. Draught of align forward 13 feb 7 15; d	9
witch to clear paring needs. arrage oteam 55 lbs. Revolutions 41. Draught of ship forward 13 feet y 12;	84
16 feet, 6 inches.	
Quarebeach	
From 8 Pm. to Mid. Sentement N. J.	N.
Orneast and cloudy Light break from E. JE. to E. NE. Fteaning through Long Island	
Found steering by the lighte. At 8 to peut one spetul log 67.0 knote at 10.20 Eaton Reck born aham.	
Orneach and cloudy. Light breys from S. F.E. to E. ME. Freauing through From Veland. Found steering by the light. At 8 to put one patient bog 67 0 hunter At 10.20 Extra Reck borr a brane. At each of water Thatfirst Thouse Eight borr on the purt borr and the chip was on a range between Old Duld Power and Penfeld Ref light. Freeze under bollow A. B. and D. Beau pressure 55 the Registron of the Alle Power and Duld Power Atlantice of the South Power Atlantice of the South Power Atlantice of the Alle Power Atlantice of the South Power At	
Fuld Point and Penfeld Ref light. Fire under bolero a. B. and D. Gram present 55 the Regletions 41.	
Examined and found to be correct.	
Lewit want Q. I. W.	
0	
J. B. Millon Savigator. Sentensul Ch. J. W. Navigator.	
Siente want Ch. & M.	

LOG of the UNITED STATES This Essex, Straming from Chew York to Chewport, R.S. and

Thurd Rate,

			Reading		WIND.				BAROME	TER.	TEME	ERAT	URE.		Forms of	lear the.
Knote.	Tentha.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	
. м.																
1	3	3	1.9	€ 1/2 M. € 3/4 M.	6.96.	2			29.85	76	67	65		0.0.	mil	0
2	6	8	8.7		16. h 6.	3			29.87							0
3	7	2	15.9		6	3			29.87	76	67	64		b.c	cum.	9
4	7	0	22.9		€.9€.	3			29.84	76	67	64				9
5	7	2	30.1		4,	1			29.88	75	67	64			cum strek	8
6	15	3	35.9	€. \$14 \$.	East	1			29.85	70	67	64		b.c.m.	stial	9
7	2	8	34.0	€ 1/2 °F. € & 1/4.	**	1			29.87	70	67	65			cum	8
8 -	3	4	52. 2		at .	1			29.88	70	67	65			cum strat	7
9	17	7	19.9			1			29.92						-	9
10	7	1	67.0	Various courses		.1			29.92					4		9
11	Ha	ulu	din	Standing apetal	Bay F. M.	, 3			29.92	12	.75	71		A. Q.	ar.am	7
on.	Mar	ned	6 bour	Coopline of Horber	. 10	3			29.92	71	71.	71			au	7

Course and distance	e made good since preceding noon by o	bservations,	knots.		tenths.		
	Latitude by D. R.		0	'	"		
	Longitude by D. R.		0	,	H		
Position at Noon:	Latitude by observations of O		0	1	**		
	Longitude by chronometer from Fore	noon Observations of ©	0	1	"		
	(Latitude by		٥	•			
Position at 8 A. M.	Longitude by		0	1	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		o	1	H		
Current during the	time, knots tenths per l	nonr, setting to the					
Error of the Compa	ass by Azimuth O observed at	, ship's head	0				
Deviation of the Co	ompass by Azimuth © observed at	, ship's head	٥	4	variation used,	0	
Error of the Compa	ass by Azimuth O observed at	, ship's head			"		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head			variation used,	0	•
Water expended du	ring the preceding 24°hours,		17	1	gallons.		
Water distill	during the preceding 24	hours,	20	0	44		
Water remaining or	n hand fit for use at Noon,		81:	2,	44		
Coal consumed dur	ing the preceding 24 hours,		f tons 2	80	lbs.		
Coal remaining on	hand at Noon,		\$ tons 2	90	44		

P. M.	State had	e. h.	5	19.91 73	71	69	b. c.	cir tum	7
2	10.00	1	3	19.91 78	75-	69	1	- 1	9
3	8. W.		3	29.91 78	75	69	*	1 . 1	9
4	0		3	19.9, 75	75	69			9
5		h. f. h.	3	19.91 74	74	67			9
6	Mr. by F	0.,	3	29.91 74	75	66			9
7 ,	1 .6		3-4	29.91 75	73	66			9
8	h. h. by h.	n. h. by h.	3-4	29.91 72	71	65-			9
9	. #	- "	3-4	29.93 70	68	67	h.	em stal	8-
10		5.	3-4	24.93 68	33	67			7
11		*	3-4	29.92'68	69	47			6
Mid.		n no	3-4	29.92 68	69	67			9

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. On

Daw, bright starlight. Bravemeter about steady. Light to gentle breyer from british & F. F. and NE. by E. ah 12.37 changed concer to E. 3/4 Us, patent boy reading 99 1.

Passed light abram as follow: original Object Point 12.35, F. H. Ledge 2.15, Braken Island 3.43

arrange to revolutions 43.1. Steam 56 lbs.

George R. Erway Energy V. J. N. Orem 4 to 8 a.m Sight air from & S.E. and East. Fair and pleasant. Hazy around horzon Made the following changes in conser: At 5 50, to E. 4 5: 6 05 E. 12 9, 6 35 to E. by A. spotent bog acading 41.3. At 6 24 Little Gull Islamd Light bring ver point about the branc changed conser to 96. spessing through the tare, until 6 35 when shaped come for whiching broy off Point Judith Lights were when rest follow. Horter Point, 4 40; Comfello Lightschip 5.12, Mistour 1.3 miles; Clem Seland, 5.50; Little bull defend 6 21; East End of Diches Island, 7.18, Chatch Hill 7.36 Many achimen in eight oliving watch average steam 55 lbs. Revolutione 44.

Geo. R.O. From 8 a. M. to Mend. below, high raise to goods trough from East - she fring to FW. If 841 much to granters, and wall dealthy afterwards called "all failed to much to amount all love of a posted book collaboring field dollars the profesty of the Chief Do. M. Pleasing mich fire, under booker to the 201 lovere to by 12 he to go f. W. and (tay) of theft It along thouse abeau and at 9,00 the M.C. end (long was abeau (4-9,14 changed lower to C. N. C. H.C. at P. 16 che whiching broug off Oi Indich was, abeaun and close about to ranged course to N. C. J. M. at 1/102 called all houde moor slep. at 1/107 downfling shearth. Hauled an Pat Fog 7186. Exchanged xumbers with to fifthemstillation. Mostle Feling 2617 and 4819 amount 904 Tallowed fire to de od tunder briter to x D. Destelling with brushed fire under bouler a Mode fact to trung at 1/30 tomidig Officer faid on afficient visit to the bounds of the Board Robbin. By other of Tomids Officer of 18 December was rated from date from 2 2016 tomid

and I stormy lide was assigned at Jack of the Buch Here of Mercell de 10. 7 71.

From Merch to LOM.

From we alter. high' to guilt true gos from P. W. Warmeler folling alightly. No tide here stille 2nd out stout culture at 100 reads faller out bloomed soil at 240 mode taken 6144 and furthed soil. at 240 mode taken 4826 and 4826 mode toler a from 4826 and crossed lofe gallant y ards. all signals being auswood in the afirmative few bloomly party for show. Fisher backed mucher boiler a

Thongs R, Evenus Curigue W. J. W. From 4 is 8 G.M. Church to moderate bruga first with I'M. Datilling with fire bourfeed under briter "a". Just titally party as love. Hencell brushed but the but to grant the fire but the but the but the fire but the but th

Farm POM to Midnight alorlight: Guilt to moderate house from M. M. Barmeter about stratego true bouland, under Rolling. Distilling

Examined and found to be correct.

Storge K. Evans, Eurigale . M.

Luchemond W W.

LOG of the UNITED STATES The Essent Moral to Bruf at Mewofort. R. J.

Third Rate,

		Reading	7	WIND.	-			BAROME	TER	TEM	PERAT	URE.	State of	Forms of	Clear Stha.	See
Hour.	Kiots.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Looway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by	Prop. of Cl Sky, in 10th	State of th
A. M.	44		n. W. by h.	n. m.	4			29. 970 29. 9 78					b. e.	am, atra	9	
3 4			h. y f	† †	4			19.978 19.986	13	42	56		•	h	9	
5			h. A. W.		4 4			30,008 30,018	4/	19	1.1-		1	ar. cem	9 9	
8 9		h	N. W. by M. h. H. U. h. H.	10 10	4-2			30.010	65	62	17		*		99	
10	*		n. v. by h.	min-	1-2			30.000 30.000 30.00	69	68	61		:		9	
Noon.			h. by f.	V. J. V.	2			Ja. 01	69	61	6/		-	Cern, News	1	

Course and distance	e made good since preceding noon by observati	ons,	knots.		tenths.	
	Latitude by D. R.		0	,	"	
	Longitude by D. R.		o	,	"	
Position at Noon:	Latitude by observations of ⊙		0	,	"	
	Longitude by chronometer from Forenoon Ob	oservations of ②	0	,	n	
	(Latitude by		0	,	"	
Position at 8 A. M.	Longitude by		٥	1	"	
	(Latitude by		٥	/	"	
Position at 8 P. M.	Longitude by		٥	1	"	
Current during the	time, knots tenths per hour, set	ting to the				
Error of the Comp	ass by Azimuth O observed at , ship's	head	0	,		
Deviation of the Co	ompass by Azimuth O observed at , s	hip's head	٥	1	variation used,	0
Error of the Comp	ass by Azimuth O observed at , ship's	head	c	1	"	
Deviation of the Co	ompass by Azimuth O observed at , s	hip's head	0	1	variation used,	0 1
Water expended di	ring the preceding 24 hours,				allons.	
Water distil	L. L during the preceding 24 hours,		8		41	
Water remaining of	n hand fit for use at Noon,		/-	1/5-	44	
Coal consumed dur	ing the preceding 24 hours,		tons 2			
Coal remaining on	hand at Noon,		116 " 6	50	"	

P. M.	W. Ly 8.	Vr. g. Vr.	J	30.06 69 68 61	b. 2.	cum.
2	W. Ly &		5	30.06 69 68 61		. 2
3	New-	h. h. h.	3-4	So. c7 68 67 62		. /
4	W. by 8.	h. C. h.	5-4	30.08 68 67 62		. /
5	DV W	Steri-	4	Jo. 09 68 67 62		air cium 1
6	for hy fr	*	1	50. 11 68 67 62		and 2
7	Or. by f.		3	30/1686762		- 2
8	. ()		3	30.17 67 66 61		. 2
9	4	4	2	50, 17 65- 61 60		. 2
10	6 "	,	2-5	30, 8 61- 69 60		. 2
11	West-		3	51.19 68 68-60	,	. 2
Mid.	Mest- N. W.	4. h. hr.	S	30,19 46 64 60		- 1

under the command of lammander 4. N. Dickens, U. S. Navy,

find ay July Pri.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

RECORD OF THE DAY.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

RECORD OF THE DAY.

with bound for efter years.

N. D. Golsman Rungen lug. N.

From 4 to 8 C. M.

Condy Senth westerly brush Pring berowder. Waldling with bounded fine much bright of.

M. N. Mr. Lund of L. Dewell left ship on a days learn from fully 9 th Distilling with brushed files under boiler a. From Martis (Reddemen)

From P.C.M. to Midnight:

Surge Reviews . Relating to M.

Blowdy and evol, light-to smith house from Med.

Warmuter vising. Distilling with bould from which triber to.

N. M. Coloman

N. M. Danga to. M.

Examined and found to be correct.

J. B. Moilling

LOG of the United States Pub Essey & Third Rate,

	Reading		WIND.				BAROME	TER.	TEM	PERAT	URE.	State of	Forms of	lear the.	See.
Hour. Knote	g Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Force.	Heel.	Loeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea Sky, in 10ths	State of the Se
A. M. 1		h.a.Gr.	h.n h.	/			30. 18	64	. 4	60		b. e.	en com	1-	
2		PAR	h. h. by St.	1-2			30.16						a	7	
4 5		Pmil-	n. n. h.	1			30.18					:	amatro	8	
6		fry h.		1			\$0.21 \$0.22						-	8	
8			h by f.	1			30.24						ar cum	9	
10 11		They W	fig. W.	1 3			30.23					4	arian	9	
Noon.		John h.		Š			50.25	67	61	62		-		9	

Course and distanc	e made good since preceding noon by observations,	knots.	tenths.
	(Latitude by D. R.	0 /	u .
	Longitude by D. R.	0 /	"
Position at Noon:	Latitude by observations of ②		н
	Longitude by chronometer from Forenoon Observations of ②		"
Position at 8 A. M.	(Latitude by	0 /	ıı .
Position at 8 A. M.	Longitude by	0 '	"
Position at 8 P. M.	(Latitude by	0 /	"
rosition at or. a.	Longitude by	۰ ′	"
Current during the	time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth @ observed at , ship's head	0 /	
Deviation of the Co	ompass by Azimnth O observed at , ship's head	-0- '	variation used,
Error of the Compa	ass by Azimnth @ observed at , ship's head		"
Deviation of the Co	ompass by Azimnth ⊙ observed at , ship's head		variation used, °
	ring the preceding 24 hours,	200	gallons.
Water disti		181-	*
	n hand fit for use at Noon,	1900	
	ing the preceding 24 hours,	/ tons /360	
Coal remaining on	hand at Noon,	114 " 1530	*

Р. М.	Ch	2 h	4	30.23 71 79 61	b. e.	cir em
2	Dr. Ly h.		4	30.25 70 70 62	, ,	. 9
3	T P. H.		4	30.23 71 73 61-		. 9
4	T.M. Ly, VV.	%	4	30.23 70 71- 66	**	. 9
5	1 5.80 h.	,,	4	50.22 69 71 64		cu. 9
6	10 h hy 8.		4	50. 1/ 68 69 64		- 9
7	On. 5. 4.0	,	4	30.17 68 69 64		- 9
8	Con. pm &		4	30.17 68 69 64		. 9
9	On. 000.		2	30.22 69 69 64		amatet 9
10	MULC.		2	31.21 68 68 64	1.	une 10
11	r. notal.	"	2	3428 68 60 64	~	" 10
Mid.	TENT.	7	v-/	30.21668 60 64	,,	. 10

le mmander t. N. Dickens under the command of Monday, July 9 & , U. S. Navy, , 1894. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. From Midnight lota M. Duge from M. N. W. and U. W by M. Frair and cool. Distilling with fire booked muchor booker "a".

J. B. Meilloni

J. B. Meilloni J. B. Meillin L. g. n. From 4 to P a. M. .

Tim weather Light aus, from NNA to the by f Desing borounter.

Viceived in Cay Department from the contractors to the fruit that 47 /4 lbs.,

fiesh buf, 37/47/lbs. feel vigiliables, distilling with renderd from under

Boiler at. George & Evenus, F. & Eurege U. J. M. From & a.M. 5/0.00 a.M. From I the to 100 to 10. M. Colomba to light and from M. by I Warmaler friend of 10. 10 ictock loomander from the form of the following the form of the following all his side all have been been gold by order of the ship and the paid by order to be ordered to manadary the formander of the been found that the ship and cred suffer mand the ship and cred when the best the ship and cred with the formanding of few and his relief distilling worth to be the brilling of the control of the ship and fine and fine and fine and fine the ship and DI. D. Coloman. Euroga W. F. ol Examined and found to be correct Having along J. B. Me eller Luchiman F W. J. A Lemmander Vi. J. W., Leon mand ing. From 10. to a.M. La Mideau: Ever well ever at fire quarter at 1/ a. M. below and Alexand free to die out well free to die out with the to stopped distilling. n. g. Col Eman From Mindian to of C.M. Charles Moderal breges from f. M. Alf mu digets by other of lossed to f. M. A charles by other of lossed to f. M. A. Caparton of lossed to f. M. M. Caparton of From of to C. M. Conder Louis charges with Commending to Level in and to f. h. From Mindian to of C.M. Lebor and pleasant; in belief f. h. huge; barmeter falling. "

A. D. Colinar De Come de la file begge barmeter falling."

De la la la file de la file begge barmeter falling. "

Caraga lo. 3. From 8 C.M. L. Midnight: More set at 11.10. Light wise and brugh from FM Blakerlow. and Lindenstle for Examined and found to be correct. J. B. Mo Mor Napipator of

LOG of the UNITED STATES Trip Tissent Members - VC. Is

Third Rate,

			Reading	0	WIND.				BAROME	TER.	темі	PERAT	URE.			fear be.	1
Honr.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Alr, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.				h. h. h.	Mest-	0-1			30.216	65	61.	હાર		b	Ine	10	
2				n. by E.	lo alu-	0-/			30. 214							10	1
3				n. n. (1.	, acu-	0			30.14	64	64	62		~	-	10	
5				Phy &.	:	0			So. 15					*	**	10	
7				fruit-		0			30.17						~	10	
8				fourt	h. g.s.	0-1			30,20	71	69	66		b. g.	riv.cu	10	
10				from the	Jan Jan	0-1			30.22					:	:	9	
Noon.				July W.	. J. f.	11			3v. 21					.,		8	
				1 1					-		1	1,,,					

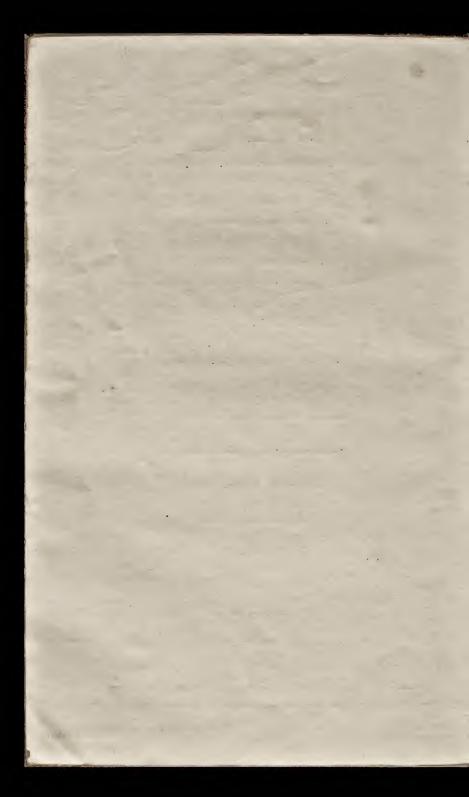
Course and distance made good since preceding noon by observations,	knots.	tenths.
Latitude by D. R.	0 /	"
Longitude by D. R.	0 /	u
Position at Noon: Latitude by observations of ©	0 /	u .
Longitude by chronometer from Forenoon Observations of ②	۰ ′	"
(Latitude by	0 '	"
Position at 8 A. M. Longitude by	0 /	"
Position at 8 P. M. Longitude by	0 /	n .
Position at 8 P. M. Longitude by	0 /	H
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimnth O observed at , ship's head	0 1	
Deviation of the Compass by Azimnth ⊙ observed at , ship's head	0 /	variation used,
Error of the Compass by Azimnth O observed at , ship's head	0 /	и
Deviation of the Compass by Azimnth O observed at , ship's head	0 1	variation used, °
Water expended during the preceding 24 honrs,	250	gallons.
Water during the preceding 24 hours,	,	44
Water remaining on hand fit for use at Noon,	1650) _"
Coal consumed during the preceding 24 hours,	tons #00	lbs.
Coal remaining on hand at Noon,	114 " 1130	4

Р. М.	000	700		1 1		H				9
1	8.1. W.	F. J- VV.	21	30./8				b. c.	ar. cum	. /
2	0	10.	3	Su. 17	72	71	66	+-		9
- 3	Vr.		3	30.17	72	71	66			9
4	1.		3	30.17	72	71	66			9
6		,	3	30 17	71	70	65	4	-	9
6	8. P. M.	,,	2	30.16	70	69	64			8
7	T J.		2	30.15	69	48	63	**	~	7
8	,	**	1	30.11	48	67	62			7
9	,,		1	30.15	69	68	42			7
10			,	30.16	69	68	62	**		7
11	,		1	Su. 16	69	67	62		-	9
Mid.			1	80./6	68	67	66			9

under the command of 6 mman dir Louis. Tingoly, , U. S. Navy, , 1894 Saluck I. N. Mason P. C. Berbrack I. M. Mason P. C. Berbrack I. M. Mason P. C. Berbrack I. C. J. Mesh Jessel Vo. Celington & 1 le Cumlann A Mesters Ho. A. Grober - Vr. J. to the 1 Bungart. 9 Larbert M. H. un, June - los fr Pourus H. A. Les deux & L Carslac F. P. Douten & James 1 -I rever be W ch. balun A Facke G. t. H ... 1- 14. A. Ferry F. A. + account. Flanches 1 1. bles and Hager Vr. Fremon C of time! Lady T. F. Poche W. J. man Woffin. Beller Jak. Hadlun Ila Paherten H Vales. N. V. Hirach N Fram A. M. if Received Whate M E. Howen I. S. Stillion of J Law linear and stores; Wergstone S. of refre / cey Wall of M Houmands 4 Pour ? Halley I of March 15. low. Tahreles lo. A - aud-W. ZVI Vier E. M Strodbaum 7. They by from the sound and follow to the sound and for the sound and follow to the sound and the follow to the sound and the sound to the sound and the sound to - at 7 30 red Drown 7 1. pero, Minely Drewiau M. 1 cured out Blank of L. Townoh E. Lindant st. & ommanded Is allahou it. Frewen J. W. Longweeker & L. and street , was enlisted Soullet - & F. Linde forg it it Taffender Rock. -wilefin lower L. E. Liste R. Taffrider le. N Dans of L mi Lice Thatter H. b. light aire ma help h. J. Tryland N. C sull gave Ne Perer E. J. Mª Neary M. - 9 Walker V. F. Helin J. T. to file Erstone & mi oruma p. rlow Prust - A William for A want to F.M. mi aluxa -Freugen h. mª A ale OM White is fring I Dright Machievan N. A fauthur of the wind togh Morgan S. Finder hils f

Examined and found to be correct.

J. B. Moilton, Warman W. Nationaler.



under the co . S. Navy, 94 le momento and until of a. M. Light airs, from W. and balus blear and cool Bright - starlight. Geo Clear to gr From 4 to Fa. M. botometer and damp. Warm toward talter part of watch bodies. botometer raining has what of the popular of accounts the following fuch provisions 374lbs. meet 374lbs vegetables and 29 lbs bread. 29 lbd bread. n. J. Cofman From & and comme high and from W. M. bocking to F. W. Wiffign.
how the Work bollege we show paid and official writte It while Killand
low brown in Alean Regimening wife ne have temperative, me can lived
and now our scale be lance, when brown store, and two participes of alone;
in Deft of Ordinance received one find my to-roy to make it is notwiced
were the land one coil of cordage From off new houndown is inductively
wrenches land one coil of cordage From off new houndown is girtimal
W. R. C. Leweler and be fit From & a. M. to Mindion: From Mendian to 4 C. M. From Mendow to 45.M.

Fight to gentle brigg from P. P.M. Cherr and pleasant at 7 st ried on brand with those, or have been and receiving transfer defer. Mindly for (97) 300 blace affice wire named on for affiled lest Received out broad in Joy blace affice with the both to the product of the both to the left of the land of the both of the product of 7.7.7 thether to P.M. Hommander alout to first of the Commander of Joyce of the Commander of the Property bearing the first the formand with the following product of the Eg implement heapt, I could be them for the Three Wall and entired on brack to Caddeman, for their years.

From the E. T. M. on brand he Laddeman, for three years

From 4 to FP. M. Keynally clear and pleasant - Kenth bruge to high air home of f. W. Well to guarden at 4.10, mustered the bruge will gave blank their stations for fire-guarden and at 4.50 much to fike guarden.

WBC aperton.

From FC. M to Midnight f. f. W. behar and cool . Tonight mornlight:

And Limburan logh

Examined and found to be correct.

J. B. Moilton, Windsgator.

LOG of the United States of my lat hunder, R. J.

Fund Rate,

TTT	Reading		WIND.	-			BAROME	TER.	темі	ERAT	URE.	State of	Forms of	Clear other	e Sea.
Hour. Knots.	of Palent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Balb,	Air, Wet Builb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Sky, in 10	State of the S
A. M.		Fin Ch	f.W.	3-4			30. 14 30. 12					b. e. n.	cur, a he	r 9	
3		Win-		4			30. 11	67	60	44		.,	an sha	'	
5		Februar F	,	3 5			30. /3 30. /4	66	11.	4			cir a	8 7 6	-
8		L. W.	h. j.h.	2			30. 11	69 70	65	61-		b. c.	dr. eu.	6	L
10		N. by N.	f.A.	2 3			30.17	73	71	66		**		.7	
Noon.		- 4 "	-				VV.//		,,,			,		1	

Course and distant	e made good since preceding noon by	observations,	knot	S.	tenths.		
	(Latitude by D. R.		0	,	"		
	Longitude by D. R.		. 0		"		
Position at Noon:	Latitude by observations of ②		0	,	"		
	Longitude by chronometer from Fo	renoon Observations of O	0	,	"		
	(Latitude by		0	•	11		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		o	,	"		
Current during the	time, knots tenths pe	r hour, setting to the					
Error of the Comp	ass by Azimuth O observed at	, ship's head	0				
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	1	variation 1	ısed,	0
Error of the Comp	ass by Azimuth O observed at	, ship's head	٥		"		
Deviation of the C	ompass by Azimuth O observed at	, ship's head	0	, '	variation t	ised,	0
Water expended di	aring the preceding 24 hours,		4	+10	gallons.		
Water	during the preceding	24 hours,			64		
Water remaining o	n hand fit for use at Noon,		/	200	44		
Coal consumed dur	ing the preceding 24 hours,		tons	1040	lbs.		
Coal remaining on	hand at Noon,		1/3 "	970	66		

P. M.	£. W.	£12	4	30.17	75	74	47	b. c.	er, tum	7
2	9 .	<i>f</i> -	4	30. 16	72	72	66			7
3 4	F. 1. 1. 1. 11.	Filly In	4	Fo. /2	72	71	67	4		9
5	The bash.	G. W.	4	30.098 30.098				4		9
1	<i>J</i>	6	4	30 /0	71	70	68	l. o. w.		9
8		"	4	30.10				ν. ο. ω.		9
10	8. h. by h.	c lich	4	30.10				"	1	9
Mid.	7(C. M. b. h.	4	\$3.10						7

under the command of Immander Louis. King aley
Wednesday, July 11th , U. S. Navy, , 18 94 RECORD OF THE MISCEMANEOUS EVENTS OF THE DAY lo mmu co and milil & a.M. lolar and damp. Bright starting to themele to moderate - home F. W. Aspenull - 1- 20 fr From 4 to 8 a. M.

Henry ley clear, down and blearant-built-bruges from

(1) at 7.20 modes kem. Fig. #1. 1485- larget blatin answell 904 and

of 7.20 loved, said to all builting account for incent to crew mo sept of supplies and account. To the head 90 the head and 95 the

suggestables. At. of 6. Ownedle relurned from heart of abbence.

W. H. aprilow. From 8 a.M. Lo Myridian. mustered crew of quarters afterward meeting of Norming at 10%?

mustered crew of quarters afterward meeting affectives in facts of relief and instructed afterward chains at furting + lovering at 70% rest down. and matriced them in albhors of furting tooling at 10 feel of the lot of the form of the first of all the first of the fir was rated from Landeman to Thips book 4th class. From Mendian to 4 P. M.; blear. Moderate bruge from S. N. and S. W. by W. Unbent aparter for repairs. Served not orbafin clockes, to the applications. By result Commanding Officer & Mapp Side was noted to bool Preser and Silverell W. f.M.

John Storder Course to French 2nd class.

From 4 to 8 TM.

Moderate breeze from S. M. by M. and S.M. Islam a cool. By order of

Bureau of Manigation Understand the S. Lourseauer Stip worth Hillary to
the 10 8 The marketin way darked and trivially discharged from the selection of
the Moral Services Status and training discharged from the selection of
the Moral Services Status and training the Charles and
the Moral Services Status and Services (Manual Course Services) 6068, "lenstillatin" around 904". at an ret new down topgallant and royal yando. Aric Ludinant to gh From F.G.M. to Medengle to self being from S.M. and S.M. by M. Letter Mederale to self being from S.M. and S.M. by M. Fruit W. Limberant W. J. N. Examined and found to be correct. J. B. Mellen Narigator.

LOG of the United STATES This Essent Money to Bruy at Humbert, V. A

Tind Rate,

			Reading	0	WIND.		7		BAROME				URE.	State of		lear the.	See.
Honr.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10	State of the
A, M.				J. W. by W.	gin ly h.	4.5			30,10					в. с.	Ceen. Min	1.1	
3 4 5				N. J. N.	h. j. h.	4-5-			30.08 30.06	68	67	65		"	cir cum.	1 6 5	
6				J. h. h. h.	f Sv.	4-1-			30.044 30.05- 50.05	68	67	64		в. с. no.	ar shat	4 4 2	
9				8		4			30.05	70	67	64		4		2.	
11 Noon.				FOI by Oh .	FO1. by 01 	3			30.04					0.0.06.		0	
							-			-		-	-		-		

Course and distance	e made good since preceding noon by observations,	knots.	tenths.	
	Latitude by D. R.	0 ("	
	Longitude by D. R.	0 /	"	
Position at Noon:	Latitude by observations of ⊙	0 /	"	
	Longitude by chronometer from Forenoon Observations of O	0 /	H	
	(Latitude by	0 /	_ #	
Position at 8 A. M.	Longitude by	0 /	"	
		0 ′	"	
Position at 8 P. M.	Longitude by	0 /	н	
Current during the	time, knots tenths per honr, setting to the			
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /		
Deviation of the Co	ompass by Azimuth O observed at , ship's head	0 '	variation used	, 0
Error of the Compa	ass by Azimuth O observed at , ship's head	, 0 ,	. "	
Deviation of the Co	ompass by Azimnth O observed at , ship's head	0 /	variation used	, 0 ,
Water expended du	ring the preceding 24 hours,	450	gallons.	
Water	during the preceding 24 hours,		44	
Water remaining or	hand fit for use at Noon,	750	0	
Coal consumed dur	ing the preceding 24 hours,	tons / 0 4	O lbs.	
Coal remaining on	hand at Noon,	750 tons 104 112 "2170	44	

1							1 1					
			Surent			1 -1	1					
1	0	1	Flord	2.921 .	1 99. by 04.	- 4	30.02 71	69	67	0.0.9.	cum. mit. 0	
2	0	1			9.50	4	30.0171	69	67	1	۰, ٥	
3	0	,				4	30.00 70	69	66	- 4	. /	
4	0	1		994	994.	4	29.97 69	68	65		cit im 2	
5		9	ack			4	29.98 69	68	65	be.	cum stret. 2	
6	0	2	&H.	Ch 90h.	1	4	30.08 69	68	65		. 2	
7	0	2	de .	9 904.	.,	3	30.08 69	68	65		. /	
8	0	2				Э	30.08 69	68	65		/	
9	0	2,				3	30.08 70	70	68		/	
10	0	2,		904 by 8.		3	30.00 69	69	66		- /	
11	0	1		TW.		3	3000 69	69	66		//	
Mid.	0	1				3	30.00 69	70	67		/	
							'	١٠.,				

Lursday , July /2" , U. S. Navy, , 18 94. RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY. From Midnight to 4 a. M. low alos visible Chaving lowered and of writer Moderate to stiff bruggesfrom the J.M. by M. flindy Desired on the J.M. by M. flindy Desired to J.M. of the flinds of the first the following to the first the following to the first th Storge & Esuis, G.R. E. Curing in la J. M. From 4 to 8 a. M. Morale bright breeze from M. J. M. and J. M. bool and cloudy. at 720 mode free. Sig. Int 6669"- Northellatin annulud and mode "200". I as 7 th crossed royal and top-gallant yerds. Freezed no broad in Gay Sept. 75 bbs. bread, 93 Jebs. fresh beford 83 Jebs. first negliable.

The book bread, 93 Jebs. fresh beford 88 Jebs. first negliable.

Rechard 105 M. From 8 a m. to Merid Elordy Oricast last part. Eight meet and dryphing raw recassimally Gentle to moderate breeze from 98 by M. and 90k. At 9.30 mustered at quarters and afterwards instructed and stateous apparatus of General Quarters with 10.30, then until 11.15 in practical seamanship Inspected flood cocks and found them in good working order. A Predical Brand of Turny of which Dir a D Pure 98.9 M. was swim member out mot mo braid. Branger trupperture 14.25 founded aft 75.77. About without law 15.6. O'lean (6.7) from 6.6 M. 11 inst. 12 and 6m. Former O'lea) found to M. 10 inst. By order of the control o Commanding Office J. S. Elleworth Sha. was noted to White 1st class and guin an acting appointment as such.

From Mend to A J.M.

Benerally mused and cloudy weather Occasional light spuncher Falling baroneter. At 3.00 made Interrogatory 6068 answered by Constitution with 904. Sent down top gallant and royal yards. Instructed bryon in the running rigging Ond Bake was entited no Meso attendant vand Robet Butte was anticad no meso attendant vand Robet Butte was anticad no meso attendant vand Storge R. Evans, Evergw W. IN.

Dem 4 to 8 P.M. Cloudy. Gentle to moderate breze from IN.

Hereel. Suitement W. F. 9.

Dion 8 P.M. to Mid. Cloudy with a few staw inside I sutle F. Py bruzes. Barometer steady.

Stonge The Townes . Ensign & & R.

Examined and found to be correct.

J. B. Moillin, Navigator,

LOG of the United STATES Phip Essex Moored to Bury at Dewyport, R.D.

Third Rate,

	-	1	1		WIND.				BAROME	TER	TEM	PERAT	URE.			lear be.	1
Hour.	Knota.	Tenths.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Balb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the Se
	Did	bal.	Current	0													
A. M.	0	2	Flord	PO1.	· P21.	4			29.96	69	68	65		b.c.w.	tum mind	. 8	
2	0	2				4			29.96	69	68	65		Pa .		8	
3	0	1	. 1	\$91. by 9.		4			29.96	69	68	65		"		8	
4		91	lack	90P.	^	4			29.96	69	68	65	•	"	cur strat	8	
5	0	1	64	91 F21.		3			29.96	69	68	65			ram strat	6	
6	0	1			4.	3			29.96	69	68	65		f.c.m.	cir cur	7	
7	٥	1		994 by 9.	**	3.4			29.96	69	68	66		٠.		8	Į.
8	0	1		FA.		3-4			29.95	70	69	66		b.c.	cir.	9	
9	0	1	Flord			3-4			29.97	72	70	.67			-	9	
10	0	1			•	4			29.96	74	72	68		в.	none	10	
11	0	1				4			29.95	75	73	69			-	10	
Noon.	٥	1				4			29.94	73	73	69				10	
												-		1	1		

Course and distant	ce made good since preceding noon by	observations,	knots.		tenths.		-
	Latitude by D. R.		0	,	"		
	Longitude by D. R.		0	1	"		
Position at Noon:	Latitude by observations of ①		0	,	"		
	Longitude by chronometer from Fo	orenoon Observations of ©	0	,	"		
	(Latitude by		0	,	"		
Position at 8 A. M.	Longitude by		0	,	"		
	(Latitude by		0	,	"		
Position at 8 P. M.	Longitude by		o.	,	ı		
Current during th	e time, knots tenths pe	er hour, setting to the					
Error of the Comp	oass by Azimuth O observed at	, ship's head	0	'			
Deviation of the C	Compass by Azimuth O observed at	, ship's head	0	1	va	riation used,	0
Error of the Comp	cass by Azimuth O observed at	, ship's head	0		"		
Deviation of the C	Compass by Azimuth ⊙ observed at	, , ship's head		-	va	riation used,	0
Water expended d	uring the preceding 24 hours,		3.	50 1	gallons.		
Water	during the preceding	24 hours,					
Water remaining of	on hand fit for use at Noon,		40	0	"		
Coal consumed du	ring the preceding 24 hours,		tons /	040	lbs.		
Coal remaining on	hand at Noon,		1/2 "//	30	44		

Р. М.								1	1			
- 1	9	lack	4	994.	P. W.	4	2994 73	73 6	8	b.	more	10
2				l		4	29.94 74	73 6	8			10
3					-	4.5	29.93 74	74 (9	h .		10
4						4.5	29.93 72	746	9			10
5		"				4-5	29.93 71			1	٠,	10
6	0	2	EH	for by or.		4.5	29.93 71	751	9	b. m.	cio ciim.	10
7	0	2				4.5	29 94 70			b.c.m.w.		9
8	0	2		904.		4-5	29.9470	74 6	8		"	19
9	0	2		**		4.5	29.94 69	69 6	7	-		9
10	0	2	0.2			4	29.94 69	69 6	7	b.	mu	10
11	0	1				2	29.94 69	68 6	7		.,	10
Mid.	٥	1				2	29.94 69	69 6	6			10
Li.												

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a m. Cludy and damp Producte brey from & M. Baroneter steady.

n. J. Colman 2 Ensign Ch. J. 9k

Dem 4 to 8 a.M. Bleav, hazy horizon. Gentle to moderate breeze from FN. at 7.30 made Interrogetory segred 6069; amend by Constellation 904. Account in Graph of Pupplies and account for the city 98 48 lbs. feel buf, 9544 lbs. feel origitable and 75 lbs. feel brade 664 tode about

Lieutenant V. J. Mr.

Trong 8 a. M. to Merid

Dine wather Gentle to moderate breezes from the FR. Barometer rather unsteady. At 9.30 must ad and inspected at quarteer. The following named must expected about from the able without leave, or 3-con Fernan 3-co. from 6 lim, July 10, 5.4 Philom & P. from & a Pu July 11 6.18 Sumultaw from July 13. At 9.45 made Jeneral Fignal Interregatory 43 90, asserved by Emetallation 90.4 Exercised at each loveing verying and fulling. The Ceptani made an official Sall upon the Boumanding Officer of Oot adams. Received a visit from the Bigh Tehrib Salde servanged on about Inspectation of magazine 73-71 forward, 71-270 aft. By order of Commanding Officer R. Buth, was rated from Saudeman to Phips Cork, 4 4 class. Ferge R. Evans, Ensign V. S. M.

From Merid. to 4 P.m.

Fair and pleasant. Tiff been from IV. Barometer falling elightly 6.B. Chunton (Cox) returned on brand having printaged his leave 6 hours. Allowed the boys their bags for evening. Account on brand supplies in the Medical Department M. J. Cofeman

bleav wather. Moderate to stiff beeze from the FU. moderating somewhat towards end of watch. Functed bushing aparter and but flying jit. Found out clean lammost to the mon

Singe Rterus

Ensign M. S. Ok.

From 8 P. M. to Guid.

Clear and cool. Starlight. Products to light . & W. brey. Braineter steady.

n. T. bolima E. Enevgw W. J. M.

Examined and found to be correct.

J. B. Moilten, Navigator. Leutenant Ob F &

LOG of the UNITED STATES Phip Essex.
Moored to Bury, Phenyport, a.d.

Third Rate,

-			1, 1		WIND.				BAROME	TER	TEM	PERAT	TURE.			Chear 10ths.	Sea.
Hour.	Knota.	Tentha.	Reading of Patent . Log.	COURSES STEERED by Standard Compass. Thips head	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bailb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C 8ky, in 10	State of the Se
A. M.				(N. F.W.) F. F.W.	. 	2 2			29.94					в.	none	10	
3 4				*		2 2			29.93	68	67	66				10	
5 6				Inath 18.		2 2			29.93	68	67	66		b.c.	Cura.	4	
8 9			Flord.	GW. Gouth	 O4. \$ 04.	2 2 0-1			29.94 29.93 29.94	69	69	68		b.e.m.		5	
10	0 0 0	2 /	-	9 g %.		0-1			29.94	74	72	71			cir.cum	6	
Noon.	0	1		904.	Of A %.	1-3			29.94	74	73	71		b. m.		10	

Course and distance made good since preceding noon by observations,	knots.	tenths.
(Latitude by D. R.	0 /	n
Longitude by D. R.	0 /	H
Position at Noon: { Latitude by observations of ⊙	0 /	u
Longitude by chronometer from Forenoon Observations of ©	0 /	"
(Latitude by	0 /	er .
Position at 8 A. M. { Latitude by Longitude by	0 /	n .
	0 /	"
Position at 8 P, M. Latitude by Longitude by	0 /	н
Current during the time, knots tenths per hour, setting to the		
Error of the Compass by Azimuth O observed at , ship's head	0 /	
Deviation of the Compass by Azimuth @ observed at , ship's head	0 1	variation used,
Error of the Compass by Azimuth ⊙ observed at , ship's head	σ ,	u
Deviation of the Compass by Azimuth O observed at , ship's head		variation used, 0
Water expended during the preceding 24 hours,	700	gallons.
Water Alcund during the preceding 24 hours,	2500	14
Water remaining on hand fit for use at Noon,	2200	46
Coal consumed during the preceding 24 hours,	tons /040	lbs.
Coal remaining on hand at Noon,	112 - 90	44

D. 14					1111		
P. M.	0	1 Flord	₹ %	994.	3	29.94 78 75 71	b. c. m. cir. cum. 8
2	0	1	**	*	3	29.93 78 75 71	7
3		Flack			2	29.92 77 74 70	
4			991. x 18	FU. x 16.	27	29.92 75 73 69	begther cum winks .
		1 611	Aly 6.	A orth	2-6	29.92 74 73 69	. , ,
6	0	1 -	1 ly 24.		1	29.9471 70 69	b. a. p. to . cum otal
7		Flack	North	balm	0 .	29.94 71 70 68	b. c. p. to. cim state 1
8			I by Ob.	904	0-1	29.94 71 70 68	
9	0	2 EH	Fly 94.		2	29.9870 69 67	b. e. w. cit, cum 2
10	٥	1 "	946		2-1	30.0170 69 67	. 4
11	٥	1 Flord	9.994.		2	30.01 70 69 67	. 2
Mid.	D	/ -				30.02 70 69 67	D.C. W 0

Commander Louis Kuzeley Faturday July 14

, U. S. Navy, , 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.M. Clear. Light buy from Fer

& ACaperton , Surment 2 22.

From 4 to 8 a. M. .

Drain Light brens from For. Baroneter about steady bleaning this Percent in Pay Department from the Estimated fresh provision as follows, on - 67 the field 93 % the field bid 93 % th

Tronge R. avun "- Energy V. S. W.

From 8 a M. to Merid

Clear and warm. Eight to gettle breez from It In Finished excelling decker brate and convae cores. The following absentive were regarded for Formen I to from 6 Miles fell. Emperation of magazine 71:70: former 1 to 70:14. Temperation of magazine 71:70: forward yo yo aft.

n. The Som

From Mend to 4 9 M. Chan to cloudy with a very heavy haid storm at 3.45 Levelle to light beaute from 9 M. until 3.45 who were heavy heard storm struck the chip from 4 E. ward blooming in heavy expedly accompanied by haid some of the storm measuring 2 in diameter. At 130 cent to appendix sucher to the France with 430 9 M. Account on brand in Ordinaire Department me broom fatore, comprising on Comprison Faming for 4 & 7 Mines.

WB Caputon Suntuant 9. 99.

From 4 to 8 PM . Squally with rain cleaning during last house of watel Fresh breyes from North to calon. Baronette steady The victing party returned on braid from the Draining Platin.

n. I. Colm Ensign U.F.

From 8 P.M. to Mid. Clean and dampfied part. Fight to gentle been from FO

Manginery H. Leylor - Energy I & R

Examined and found to be correct.

J. B. Moilton, Eintenant 2.39.

LOG of the UNITED STATES Thip Essex Moored to Bury, Cheurport, R.J.

Third Rate,

Readit		WIND.				BAROMI				TURE.			Jear the.	3
Took X L Poster Log.	COURSES STEERED	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Baib,	Air, Wet Balb.	Waterat Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C	State of the
А. М.	U													
1	S. 904.	FN.	0-1			30.02	70	69	68		b.e.m.	numb	3	
2			0-1			30.02	70	69	68		1		3	Ш
3	991.	balm	0			30.02	170	69	68		.,		3	П
4	901. by 04.		0			30.08	71	69	68		0. m.	-	0	Ш
5	Porth		0			30.08	70	69	67		b.c. m.	cir.cum	2	
6	N E.		0			30.07	73	70	69		-,		6	ı
7	North		0			30.07	71	71	70			-	4	
8	Aby W.	A by N.	0-1			30.07	71	72	70		b.c.	-	7	
9	J. by 94.	1.16	0-1			30.07						,	7	
10		**	0-1			30.07	74	73	71		~		7	
11	ਰੀ. ਭੀ. ਐ .	Calm	0			30.07	78	75	73			-	7	
Noon.			0			30.18	76	76	73				7	

Course and distance	re made good since preceding noon by	observations,	knots.	ten	ths.	
	Latitude by D. R.		٥	, ,,		
	Longitude by D. R.		0	, ,		
Position at Noon:	Latitude by observations of @		٥	, ,		
	Longitude by chronometer from Pe	orenoon Observations of ©	٥	, ,		
	(Latitude by		٥	, ,,		
Position at 8 A. M.	Longitude by		0	, ,,		
	(Latitude by		0	, ,		
Position at 8 P. M.	Longitude by		٥	, ,		
Current during the	time, knots tenths pe	er hour, setting to the				
Error of the Compa	ass by Azimnth O observed at	, ship's head	0	,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	٥		variation nsed,	٥
Error of the Compa	ass by Azimuth O observed at	, ship's head		, ,,		
Deviation of the Co	ompass by Azimuth O observed at	, ship's head		,	variation used,	0
Water expended du	aring the preceding 24 hours,		450	gallo	ns.	
Water	during the preceding	24 honrs,				
Water remaining or	n hand fit for use at Noon,		175	Ď "		
Coal consumed dnr	ing the preceding 24 hours,		tons /O	40 lbs	s.	
Coal remaining on	hand at Noon,		1750 tons 10	"		

Р. М.											
Р. М.		9.99.	Sou.	1-2	30.11	78	75	73	b. c. m.	Cix cum.	5
2				1-2	30.10	,					6-
3		Shy H.		2	30.09	76	74	72			5
4	1,78	984		2	30.08				4	eli.	5
5		*		2	30.06	75	73	71		Col. recor	5
6				2	30.07				,	cir. cum	5-
7		921 by 24.	**	2	30.06	72	73	70		strat wint	3
8		94.4.24.	,	2,	30.05	73	73	70			4
9		9°4.		2	30.05	71	71	70	1	cir.cum,	9
10		Pruth	-	2,	30.05				1 8 9		9
11		Thy E.		1-2	30 05	71	70	69		٠.	9
Mid.		360.		1	30.05	71	70	69	100	*	9

, U. S. Navy, , 187⊿.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to + a m. from 904 and calms bloody and mity

General Scienting of M. 901.

Drow 4 to 8 a. M. Cludy and pleasant. Calm to light and from N by 26 Barmeter steady.

71. D. La Sanan

Energy W. F. W.

Oran 8 a. M. to Pherid.

Dair and warm Eight haze balme and vry light are variable in direction.

Barrenter vising last home. At 9.30 mustered at quarters. The Captain inspected the ship and crew at Quarters. The following manual mew urns reported attent from the ship without leaving:
lon Formen 100. It of Wilson 60, Janua Longaw order. Received on brand in Cay Department from the boutractor the following fresh privarious 98 It lie brit 93 to the vicetables and 67 lie bread.

Designature of maggine 71 70, forward 70 70; aft The filming named mus was received from the MD of winner, J. France January and Designation of Market Surge, branch property for the Comment of Market Surge Received and receivery transfer graves.

Designation of Market Surgery 10 9 to the Comment of the Comment of the Surgery Received and receivery transfer graves.

Designation of the Comment of the Comme

Geo. R. B. Ecinterant Ou. & M.

From A to 8 PM. Draw and warm. Gentle brey from FM. J. Longaw, (viler) returned 34 hours writims. Hirstod amoke stack Feel brye in aurumning.

Menelgowery M. Layer Eneign a. S. O.

From 8 PM to Mid.

Light aire from & D. to & by E. bleav and pleasant. Bright mornlight beauty down.

Geo. Check.

1. Lintenant Q. & D.

Examined and found to be correct.

J. B. Miller, Navigator, Luntinant & Sh. LOG of the UNITED STATES Thip Essex.
Mooned to Bury Newyord, Q. J.

Third Rate,

			Reading		WIND.				BAROMI				TURE.			Clear 10ths.
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leoway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of C Sky, in 10
A. M.																
1				S. L. W.	NOU.	1-2			30.12	72	70	67		b.e.w.	cercum,	5
2				9. YN.	N. N. 24.	2			30.12						cir cum	.4
3				N.N. 94.	**	2			30.12	172	70	67		~	eiv · term	4
4				N.NE.	ANE.	2			30.12	71	69	66			pur strat.	6
5				16. hy 1.		1-2			30.14	71	71	67		b.o.m.		8
6				Aly E.	"	1-2			30.16	71	73	69			cir.	6
7				.0	**	1-2			30.17	72	73	69		b.e. z.		6
8				-		2			30.17	73	73	69		to.		6
9				North		2			30.21	74	74	70		b.c.m.		5
10				Gunging to flood		.1			30.22	.75	74	71				6
11					Gast	3			30.22	73	75	71			cum.	2
Noon.					Thy OH.	3			30.23	73	75	71		~		5

Course and distanc	re made good since preceding noon by observations,	knots.	tenths.
	Latitude by D. R.	0 /	"
	Longitude by D. R.	0 /	II .
Position at Noon:	Latitude by observations of ②	0 /	"
	Longitude by chronometer from Forenoon Observations of ②	0 /	"
	(Latitude by	0 /	"
Position at 8 A. M.	Longitude by	0 /	"
		0 /	u .
Position at 8 P. M.	Longitude by	0 /	"
Current during the	e time, knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth O observed at , ship's head	0 (
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 ,	variation used, o
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	4 ,	И
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	0 (variation used, o
Water expended du	ring the preceding 24 hours,	450	gallons.
Water Assure	during the preceding 24 hours,	1500	*
Water remaining or	n hand fit for use at Noon,	2800	
Coal consumed dur	ing the preceding 24 hours,	/ tons 720	1bs.
Coal remaining on	hand at Noon,	110 " 1610	**

Р. М.										
1	9. 6, 9.	8 ly %.	2.3	30.22 7	4	18 7	3	b.c.m.	cum.	6
2	9.994.		2-3	30.21						7
3	9. by 94.		3	30 19 7	73	78 7	3	b.c. ow. t.l.		7
4	9 th by 8.	994	3	30.19 7	13	16 1	2		٠, =	4
5	٠. "		2.3	30.19 7	14	76	12	1	ir.	5
6	9. by 94.		0.1.	30.04 7	5	76 7	3	b.c.m.	cir.cum	5
7	,.		0.1	30.09 7	5	76 7	3		cum stiel	7
8	O. ly	balm.	0	30.09 7	14	75 7	2	*		8
9	Luriging	904. by 04.	1	30.20 7	12	73 7	0	le c.w.	civ.cum.	6
10	NOt. by N.	balm	0	30.22 7	11 ;	12 7	0	-		4
11	148.		٥	30.23 7	0	71 6	9			7
Mid.	South		0	30.24 7	0	11 6	9		4 "	7

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a M. Blear Otet. Light airs and breezes from NOV to N. N.E.

Hurgell Lieutenant U. S. R.

Dem 4 to 8 a.m Generally clear and pleasant. Light airs to light breeze from N. N.E. Bavorneter nieing, all 6 30 started free in brilers B. C. and D. Fecund brate for cra, and got eteaming corner on main yard and mark. Received or brand in Dept. of Supplier and accounts the following fresh primines 67 lbs. brad 954 lbs. bref 934 lbs. ergetables.

M. J. Col man Eusign U. J. W.

Orom 8 a. M. to Merid

Fight airs to quill been vering fine I NE to Fly H. Daw and warm Doggy to crowned during fact of water Musticed over at questers at 9.50. A such without lian Com Present 1. L. D., and G. D. Acceured in Equipment Dept. 1500 gallow of fresh water from water-boat aguidased, (4000 gallow wall) Semperature of magazine 71270 from 1,0270 aft.

Qua. Rouning Lieutenant Qu. J. M.

Our Merid to 4 J.M.

blear Priety to seaward Thunder and lightning to Na. Eight to gentle breeze from Fly N. and FN. Frank Eymon, ordinary Seaman, runter orders of the Ray Separtment lift this ship with bag hammers and necessary transfer papers to report on board the Oc. F. C. F. Prement he bring in excess of the complement. Backed fire under bolen 13.6. and D. J. Grintinant Ph. I P. C. Thintinant Ph. I P.

Lieutenant U. I. M.

From 4 to 8 PM.

Sently breeze to light arise from IN and calmer Dair and warm Misty to rearrand. By direction of the Bureau of Rangation, Joseph R secons (Cocuram), left the adigo with long and bamman, the necessary transfer papers to be sent by mail, to report to the Commandant of the Borton Rang Guid for treatment at the Raval Hospital. Three banked under brilew 18. E. and D.

Que R. C. Leitenant W. J. M. Brown & G.M. to Mid

bleav, ust Fight airo from IN by M. followed by calm. Hoisted in and secured steam launch for sea. Banked fine under bother B. E. and D. Herroll. Zuntenant W. F. Oh.

Examined and found to be correct.

J. B. Me elton, Navigator.

This Essex

Third Rate,

Moored to	Bury Rewport	Q. J. and	making	passage to	Touthampton	England
(1)0.0000 100	,		1			-

			1				/		1				U		1		
			Reading		WIND.				BAROMI	ETER	TEM	PERAT	TURE.	State of	Forms of	Clear 10ths.	1
Bour.	Knote	Tenthe.	Patent Log.	COURSES STEERED by Standard Compans.	Direction by Standard Compass.	Faros.	Heel.	Leoway.	Height in inches.	Ther.	Alr, Dry Balls,	Air, Wet Builb.	Water at Burface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of C	State of the
A. M.																	
1				Freth	balm	0			30.24	70	69	67		b.m.	now	10	
2				9. gov.		٥			30.24	70	69	67				10	
3				96.	-	. 0			30.24	68	69	67				10	
4				6. ly 9.	F. F.	0-1			30. 2.4	68	69	67		f.w.	-	0	
3				91E.	**	0-1			30.23	67	67	66		f.	-	0	
6				9 1/2 6.	4	0-1			30.23	69	68	66		~	cuse.	0	
7	9	tean	wag bu	t of Olewant.	**	1			30 24	69	69	67		0. m.		0	1
8	2	7	74.7	9.96.126		1			30.26	70	69	67			141	0	8
9	6	4	838		\$6.	2			30.37	70	69	66	69	b.c.m.	~	2	
10	6	4	90.2			2			30.32							2	
11			96.1			2			30.32	70	69	66	69			2	
Noon.		8,		\$6.		3			30.33						-	3	
			- 1										1				

27. 2	Distance run	by Patent Log	Departure
C	A At	addings amounting	noon by abcomunican

	Latitude by D. R.
Position at Noon:	Longitude by D. R.

Latitude by observations of O

Teach taken how clast.
Longitude by chronometer from Ferences Ob

Position at 8 A. M \ Latitude by Beaungs of Brenton Ruf Lightship

Longitude by

Congitude by new from Verne taken from chart.

Position at 8 P. M. Longitude by the form the form chart.

Longitude by the form about the form of the control of the form of the

, ship's head Error of the Compass by Azimuth O observed at

Deviation of the Compass by Azimuth ⊙ observed at

Error of the Compass by Azimuth ⊙ observed at

Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours,

Water during the preceding 24 hours,

Water remaining on hand fit for use at No

Coal consumed during the preceding 24 he Coal remaining on hand at Noon,

oon,			
			9

, ship's head

, ship's head , ship's head

> 2400 tons 960 lbs 107 - 650

400 gallon

41004' 1." 70 056 94 "

41025 1." 71°22'94." 40°38'N."

70002.04.0

variation used

variation used

Р. Ж									
1	6	0	7-6	96.	96.	2.3	30.34 71 72 67 68 b.o.m. c	7. um 8	9.
2	6	0	13.6		96. by 2.	3		etrab 8	
3	6	0	19.5		96.	3	30.34 71 72 67 71 -	- 7	
4	6	0	250		96 by 6.	3	30.34 70 71 67 72	. 6	-
5	6	1	316			1	30.33 68 69 65 71	. /	
6	5	9	37-5			1	30.32 67 67 64 69	- /	-6
7	5	5	142.9		- 1	1	30.27 66 66 63 69 00. 1	unit o	h-
8	5	3	482			1	30.28 65 65 62 69	um. 0	-
9	6	3	53.5			0-1	30.31 62 64 61 69 0c.m.w.	. 0	**
10	6	3	58 8		6. 96.	0-/		. 0	
11	6	5	64.3		**	0-1	30.29 62 62 60 69	. 0	
Mid.	6	4	697		-	0-1	30 29 62 62 60 69	. 0	1

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midwight to 4 a M Lolear and bright mornlight until about 3.00 when a thick fog est in balm Fteady barometer. Banked fire in boilers B. b. and D.

Firms 4 to 8 a. M. M. Sight airs from 9 9 & and calms. Foggy frist two hours, partly clearing last two. Squad fries at 500 under briter B. 6. and 5. At 630 immored and stated alead. Standard on of Everyth Early under briter Beautiful of Standard and dittout about 60 yards; est conses 8 96. 16 per Standard and put one point of departue. Sat 41°25' N. Long 71°27' N. At 630 made gruend eight Jul. 4890 Enestellation conserved got. Enleted a 6. Though as Landeman to serve the (3) grave from the date July 17. 1894. Draught of ship forward 13' 1/5": aft. 16'. 5 12' average ctam 55 lbs. Revolutions 43.

From 8 a. The to Merid.

Cloudy and miety Light to guttle breeze from FE. At 9.30 mustered at quarter.

Chewh without leave. Love Freneway (3/14) and I E Wilson (6 P) Tested flood cocks and found them we good working order. Directed dill for tenends Quarters with 10.45, then practical scamanlip for watch blow with 11.15. Its among with free wider bolers B. E. and D. Erner F. G. E. I E with 110 clock when it was changed to FE I Deseguential forward magazine It 70°, after magazine It 91°. According to the By most of bommanding Office, J. Karlyn Lea) was nated to breward and your an acting appointment as such.

Orom Merid to 4 99. Die wrather friet there hours, numing into damp fragy wrather bast hour. Chake straw alone, free under botten B. b. and D. strends conce of both man and miggin topment strapals and goff toppad Instructed apprentice of water blow in gunny Earl apprentice of toth worlder alfly for exercise also gave instruction in log and lead lines arrange train pressure 55 lbs. awage number of revolutions 43.

From 4 to 8 P. D. Shady and misty. Eight an from FE by & Barometer falling Exchanged colors with a German esteamer standing to the Observate. General sail in sight during Tratel. We not of watch watch when in boller B. E. and D. a concer FE. arrange steam 55 lbs.

arrage resolution 43.

Oron 8 49 to to Mid.
Cloudy and hazy. Calm and light air from 96. by I and E. F.E. This on her corn 96. Get under steam in briles B. C. and D. Fea smooth arrage etern 55 lbs. arrage vertetime 43.

W. R. Caperlon. Lewtenant Ou. & Dr.

Examined and found to be correct.

J. B. Mailton, Navigasor. Switzenant & Sh.

of the UNITED STATES Ship Essex Phird Rate, Making passage from Chewport, R. S. to Southampton England.

				1 0	0	U								,			
			Reading		WIND.				BAROMI	TER.	TEMI	ERAT	URE.	State of	Forme of	Slear tha.	Se a
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Ciouds, by symbols.	Prop. of Ch Sky, in 10th	State of the
A, M.	72	3								1							
1	6	8	75.8	96.	96. by 6.	1	0	0	30.30	63	63	61	65	0. m.		0	3
2	6	8	80.8	49	. 0	1	0	0	30.30	62	62	60	64		9	0	
3	6	2	85.6		East	. 1	0	0	30.29	61	61	59	64	o.f.	.:	0	
4	6	2	903			1	0	0	30.29	61	61	59	64			0	
5	5	6	95.1			1	0	0	30.29	60	62	60	64	f.		0	
6	0	5	97.8	F. F. E.	NG. by 6.	1-2	0	0	30.29	60	61	60	64	-		0	
7	1	5	Hauledin	96.	0	2	0	0	30.29	60	61	60	65			0	
8	1	8				2	0		30.29			- 4	66			0	
9	,	٥				1-2	0		30.32				.68	0.4.	sumb.	0	-
10	0	5		96:146.		1-2	0	3/4	30.31	60	62	60	69		cum atra	0	
11	0	5		96129.		0-1	0		30.31					b.c.m.	numb.	1	-
Noon.	0	5		96.	*	0-1	0	3/4	30.31	63	64	62	69			/	
							-					_					-

113.3 Distance new by Log Course and distance made good since preceding noon by observations, \$50.6 123 knots. 39 ° 59 ' Jr. " Latitude by D. R. Position at Noon: Longitude by D. R. 68 0 51 94 " Latitude by observations of ⊙ 39 º 42' N. " bloudy 0 - ' - " 48 001' N." Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. Latitude by S. R. Longitude by D. R 68 0 51 94. " Position at 8 P. M. { Latitude by D. R. from NoorN Longitude by Chronometer from afternoon observation 39 0 41'N. " 68 0 38 . 84. 4 tenths per hour, setting to the Correct during the time, knots Error of the Compass by Azimuth ⊙ observed at , ship's head Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 400 gallons Water distilled during the preceding 24 hours, 200 Water remaining on hand fit for use at Noon, 2200 9 tons 720 lbs. Coal consumed during the preceding 24 honrs, 97 "1170 Coal remaining on hand at Noon,

Р. М.																	
1	1	0	Houled in	96. ly 6. 96.	Storth	0-1	0	1/2 3	30.32	63	64	62	69	b.c.m.	cum. mind	1	9.
				96!		0-1	0	0 3	0.31	64	65	63	69			2	4
3	1	5		East		1-2	,0	0 3	30.31	64	65	62	69		cum.	5	-
4	I	5	. 1			1.2	0	0 3	30.30	64	65	62	69			5	
5	0	5	11 .	6.96.126.		1-2	0	1/2 3	30.29	64	65	62	69			6-	
6	0	6	-	96. h, 6.		1	0	1/2 3	30.30	62	63	61	69			3	*
7	٥	9	h . 1	96.	NO4.	1	0	1/2 3	30.31	61	62	60	69	,	,	4	
8	0	7		East	North	1	0	1/2 3	30.31	60	61	60	69		**	6	٠,
9	0	4		96. by 6.	Calm.	0	0	1/2 3	0.3/	61	62	61	69	D.O. M.	mint.	0	
10	0	5	0 - 1	E.9E.	North	0-1	0	1/23	0. 28	62	62	61	70			0	
11	٥	6		-		0-1	0	1/23	30.27	62	62	61	70	**		0	.
Mid.	-	-		No steerageway	balm.	0	0	0 3	10.27	62	62	61	70		"	0	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

(Midnight to 4 a 9W)

Sight airs from 9 & by & and East. Overcast and misty first half foggy after 2 30. Flowed down and consided from whistle at intervals after 2 30. I work some alone on come 9 & year Hamiland. acrossy steam 55 lbs. Revolutione 43. apprentices at the wheel.

From 4 to 8 a. C.M.

Denue fog. Light and and brew from East and N. E. by E. Fteaming entile
5.30 whom steam was allowed to run down and fire die nit under brills 6 and 21 Banked
fries under brills B., and communed distilling at 4.30 made said to topsails and at 60 clock,
at all said except manual and geff topsail. Ender the endition as to said at end of
water. At 5.30 hauled in petul by reading 97.8 Knote bones \$5. apprentices at the whiel.

Henrell

From 8 h M. to Merid

For lifted at about 8.30. Cloudy and damy consinder of easter. Pary light are
from NE. by E. B. armeter steady. Distilling with bracked fire readed brite 13. A 9.30 meetined and
energeted at quarter after which excremity at each dull, or; refed toperate reade dark and close of
fulled for true 1. I work manifest and suffed course; fulled light scale and such dawn rosel yards;
end up rosel yards and made all plain each except ringly rest in manifest est many tremment
and might topenach stayparts. Diopped life bury and picked it up in fow member because Each
by the winds on port tack making about 36. Apprentices at the while I superature of magazine 71.70;
forward, 70.70; aft. absentes without law, Sin Foreness & 1 cl. and 4.6 Wilgo 60.

Decryc R. Evenish.

From Precide to 4 PM.

Casy and cloudy cleaning during last home Light airs to high brief from North.

Baroneter strady. It is close prized up all brage and unjusted brief stothing and made and regular monthly clothing requisitions. Summer gang orchanish and chance years article rando accessary boxers of according briting. At end of watch under all plans each to regale (steeps single neef his manuscil) all tryument strapach and many tripoil on course Each Distilling with brushed free under briles 13. Appendicio at the wheel.

N. A. Comman

From 4 to 8 P. Terreally clondy and hapy. Fight airs from North and Not Come Exit (pc) Phip fell and by with backy eteraguay. At rocker hands down and stored flying jit, main and muyen topward staypade took in and hadd wyself, trok in main tryad, topgallant sails and met suight neif in topward, after which as topyallant sails apprehensed the what is the whole at the pallant sails apprehensed the best and purely crefted topsails, for the world from the property with the world region with mains and spenker. Distilling with backed free under foley & Lakerton.

Crown 8 (9 9 to 18 Mid)

Light aim from North and calme Oricael Morn were at 1.18 and absent through

clowde last how. I morth sea. Hauled up manifeld at 11.55 at end of watch under jet, for townest

ataysis aparlon foresis and toggetlant early one enight refer topsails Distilling with Fanked fries

under loss of Approximate at the whole.

Examined and found to be correct.

J. B. Miller, Sarigator. Suriegator.

" Lieutenant On & M.

LOG of the UNITED STATES

OG of the UNITED STATES Ship Essler, Third Rate, Making passage from Olewport, a.J. to Touthampton England.

			Reading		WIND.				BAROME	ETER	TEMI	PERAT	URE.			Tear the.	See
Hour.	Knots.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Balb.	Water at Surface.	State of the Weather, by symbols.	Forms of Ciouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.	c																
1	0	0	Taled in	Oro steerageway	balm	0	0	0	30.26	64	63	61	70	b.c.m.	eum mini	1.2	9
2	0	0		. 0 0	٨	0	0	0	30.25	64	63	61	70	, ,	cumetral	. 8	1.
3	٥	0	1.)			0	0	0	30.24	64	63	61	70	,		9	-
4	0	0				0	0	0	30.25	64	63	61	70	4	4 _	9	-
5	0	0		**		0	0	0	30.25	66	64	63	70	,		8	.00
6	0	0				0	0	0	30.25	-68	67	65	70	. "	"-	9	
7	0	8		East	9. ly 9.	0-1	٥	0	30.24	69	68	67	70	b.c.	cir.	9	
8	1	2				0-1	٥	0	30.25	-70	68	66	70			9	24
9	0	9				0-1	0	O	30.25	70	68	66	70	*	٠.	9	12
10	0	6				0-1	0	0	30. 24	72	69	67	71		Cum	6	
11	2	2,	97.9		F. F. W.	2	0	0	30.26	73	71	68	71			4	1.
Noon.	3	0	99.5		4.	3	0	0	30.26	74	72	69	71			5	

Course and distance made good since preceding noon by observations, \$87.6 Latitude by D. R. Position at Noon: Longitude by D. R. Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② Position at 8 A. M. Latitude by D. R. fum Noon Longitude by observation Position at 8 P. M. {Latitude by D. R. frow None/
Longitude by Chumumiter from afternoon observation of Correct during the time, g knots tenths per hour, setting to the \$182 \cdot , ship's head Error of the Compass by Azimuth ⊙ observed at Deviation of the Compass by Azimuth O observed at , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon, Coal consumed during the preceding 24 hours, Coal remaining on hand at Noon,

3904211." 680 30 194. " 39 0 40 1 1. " 68 0 30 '04. " 3904111." 68 0 28 1 94 " 39047 . 1. " 67047 04. " variation used variation used. 400 gallons. 800 2600

1 tons 2160 lbs.

95 " 1250

tenths.

25 knots.

1									1							
P. M.	1	6	100.5	6 ast					1							~
1	1	6	102.4	6.12 N.	99. by 9.	3	0	٥	30.24 7.	3 72	68	71	b.c. m.	cum etra	+ 4	J.
2	3	٥	5.1		, "	3	0		30.24 7						6	
3	3	0	8.1	.,		3	0	0	30.227	3 71	68	70			5	-
4	3	0	10.7			3	0	٥	30.217.	3 71	68	70	-	-	4	
5	3		13.8			3	0	0	30.21 7.	2 70	68	68			4	
.6	3	5	95.6			3	0	0	30.16 7	2 70	68	69			2	
			99.3	**		3	0		30.14 7						2	
			3.1	~		3	0	0	30.14 7	1 69	68	69	**		2	-
9	4	7	7.8			3	λ	٥	30 15 7	1 69	68	69		cum.	7	14
10	4	1	11.9		OL. FOL.	3	2	0	30. 15 7	1 69	68	68	**	~	4	
11	4	6	16.5			3	2	0	30. 15-7	1 69	68	73			5	
Mid.	.4	8	21.5	**	Ox. by 8.				30.14 7	1 69	68	76	b.c.m.w		5	
-	17.17				0	1	-				-	-		The same of the sa	-	-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a.m

bloody to clear Misty. below. Course East. At 3 a. M. took in spanker with this exception, under same sail as in preceding watch. Distilling. Branked fire under brilor B. assention at the while bilos B apprentices at the wheel.

Lieutewant U.S. M. Fine wrather balows. After 5.00 my light Obestell ain. Basonter strady Thork and well from topsails, made all plain sail, eacypt aparker and wrather clew of marrieal. Distilling with free bruked under biler B. after about 6.30 m conju East. apprentices at the wheel

Orm 8 a. M. to Merid.

Clear and pleasant. Sight airs to gentle breeze from (N. by S. to J. F. H. Baroneter steady at 9.30 musticed and inspected crew at quarter. About inthink leave bon Forms (Fill) and J.E. Wilson (G.P.) From 9. 40 to 10 40 exercised all hands at shortening sail, fulling sail, looning and esting sail. At 110 clock regard interpret flying jit no starbard side as lower studding sail and set speaker, sparker geft tograde and spare regal regard as muzzen tograd. Instructed apprentice in great und in setting there each to end of watch under all plane sail to royale (except surges out in manusal) all togrames stargards, starbard lower studding sail muzzen tograd and apparter gaff tograd or corner East. Distilling with banked fire under both to.

Appuration at the whole. Surgentine of magazine 12 12; flowed 12 12 12 aft. 1. 1. Colma

Energy U. J. W. Our Merid to 4 9 90 Pair and pleasant. Gentle breze from S. Oh. by F. Fernd out clothing and amall stones. Come East (pc.) until 12.30 P. m. when it was charged to E. Ir N. (pc.) Stalip on her coner under same sail as at sud of greener water and in addition the main typical with head hauled down. appendices at the whel. Distilling with free banked under boten 15. Gumer's gang engaged repaining the durains tube.

Tuntenant U.S. Oum 4 to 8 4. M Gentle breen from Flb. by S., steady in force and direction. Closely. Invold sea. al 7.00 reduced said to jet for topmach staysaid food of main trysaid expandent foresail surgle refer manuaid and topgatlants said me knight neight topsaid. Distilling with free banked under biles B. apprentices at the wheel. Rocall

Trom 8 J. Mr. to Prid

Lieutewant U. J. Ch. Fair and damp. Gentle beege from I & by I, mereasing to moderate beege last how and wring to Ot. I know now about 8.50. This on her corner & Il & (p.c.) under same acid as at any previous water. Chan into Gut I Stream between 10 and 11 o'clock, as temperature of era water row 5 degrees. apprentices at the wheel. Distilling with fine banked under briler

> Herrall Leutenant Q. G. W.

W. Blakerton

Examined and found to be correct

Levitenant Os. J. W. Navigator.

LOG of the UNITED STATES Ship Essex Phird Rate, Making grassage from newport R. S. to Southampton, England

	_			0 0		-	-				-	-					
			Reading		WIND.				BAROMET	ER	TEMP	ERAT		State of	Forms of	Clear 10ths.	o Sea
Hour.	Knota.	Touthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Fores.	Heel.	Leoway.	Height T in inches. a	Ther.	Air, Dry Halb,	Air, Wet Hulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of 8ky, in 16	State of the
A. M.		5-															
1	5	6	26.1	6.1/2 Jr.	Oh. by 9.	4	0	0	30.137	13	72	71	78	b.m.w.	cum.	4	8.
2	5	2	31.3		- 0	4	0	0	30.127	73	72	71	77	٠.		4	-
3	6	. 1	37.4		West.	4-5	٥	0	30.12	73	72	71	77	*	Cura acia	4.3	£.
4	6	1	43.5	-		4-5	0		30.12		,		,,			2	-
5	6	5	49.6			4-5	0		30.11			,				0	94.
6 _	6	5	55.8		Ot. by A.	4-5	0		30.10	•				t.e.	-	2	-
7	6	5	62.0	•		4-5			30.09	,	,	/			Cir . eum		-
8	5	9	67.9	-	01.	4.5			30.07						**	2	-
9	5	1	,3.0		Otest	4	0		30.08						cum.	2	-
10	6	0	78.9			4	0		30.07						-	2	1 3
_ 11	6		85.1			4	٥		30.06		,	,				2	1
Noon.	1	5	92.2			4	0	0	30.05	76	78	73	80			2	-
						1-1		-				-					

116 4 Dietaure num by frg. Course and distance made good since preceding noon by observations, \$\sqrt{73}^2\overline{6}\$. 1/0 knots. 40 011 M. " (Latitude by D. R. 65 053 194. 11 Position at Noon: Latitude by D. R. Latitude by observations of ⊙ 40 0 10 14. 11 65 0 58 . 94. " Longitude by chronometer from Forenoon Observations of ② 40005.1. 11 Position at 8 A. M. { Latitude by D. N. find None Longitude by Observation 66 0 28 ,94 " Position at 8 P. M. Latitude by D. R. from Now afternoon observation of Longitude by Shronometer from afternoon observation of 40015,1. 11 Current during the time, 4 knots tenths per hour, setting to the \$ 76 W. Error of the Compass by Azimnth O observed at Deviation of the Compass by Azimuth @ observed at , ship's head Error of the Compass by Azimuth O observed at , ship's head Deviation of the Compass by Azimuth ⊙ observed at , ship's head 400 gallons. Water expended during the preceding 24 hours, 520 Water distilled during the preceding 24 hours, 2720 Water remaining on hand fit for use at Noon, 1 tous 760 Coal consumed during the preceding 24 hours, 94 - 490 Coal remaining on hand at Noon,

1		rice		-								-	1		1	and the second	
P.	M. 1	3	3	95.8	& 1/2 A.	Q4. N.W.	0-	2	0	30.05-77	16	74		b.c.	cir. cum.	3	m.
	2	6	4	5.5		*	5	2	0	30.04 77	76	74				2	-
	3	6	0	11.7			5-	2	0	30.03 77	77	75			-	5	
	4	6	0	17.7		-	5	2	0	30.03 78	78	76				5	
	5	6	5	28.2		Ok. by A.				29.96 76							
	6	5	3	28.5						29.96 76				49		2	٠.
	7	5	4	33.8		1 .	5	5.2	0	29.9677	76	74			cum mink	2	~
	8	5	4	39.2						29.96 77					(.)		
ж	9	5	0	44.1	-	-	5	5-2	0	29.9777	76	74		b.c.w.		1	-
	10	4	8	48.9		-				29.97 77				٠.		1	~
				53.4						29.9877				O. C. M.		0	*
_				58.2	-					29.9877					. 1	0	~
100																	-

, U. S. Navy,

, 1894.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. ON.

Drain Moderate to stiff breezes from Oh by I. and Oh est Course

Elish at almit 2.00 took in man trypail and spanker; under for topmast staypail, jet,
forward single refed manually cuigle heefed topsally and topsallow sails. B. anometer steady

Drive banked under birler B. Itopped distilling at almit 2.40. appendices at the wheel.

From 4 to 8 a. M. Structure to stiff breeze from Otest to Ob. by Nr. Barometer falling slightly. At 450 turbed reefe out of topsails knd at royals. At 6.36 flushed below with later fits been at 6.30 started evaporator. At end of watch under all plains sail to royals except from jut example reef in marrial, on course 6.12 Nr. appendices at the wheel Dutilling with brankers from under birler 18.

bloudy but pleasant. Moderate breeze from Chest. Come & 12 N. Ypc.) At 8.30 set main and megzin topinaet stayeall and at 9 o'clock set epauker; at 9.15 hauled down main topinaet stayeall as it would not draw. At 9.30 mustered at quarters and had dwarmal dille. By wall of Commending Officer, & French P. 10.1) having bow about our librit, ten days, was declared a deserver from the 10th intant. Channel belge. At 10.30 stopped detilling and allowed frie under biter B to die out. Summer gang at work cleaning me, and ching, body of main battery, and cleaning rifler. At end of watch ship on her comes under for and migres topinast stayedle and all plans each to small target tacept flying jit and a engle ref in manical. Represented at the wheel. Designature of pear water rose 11 or during watch. At 11 a.M. discound the starbard rudder chain was carried away about two links from the rudder. Designature of magazine 71°, 71°, forward 71°, 71°, aft.

From Pherid. to 4 4.9 m.

Stiff breeve from Ob. N. W. Parthy cloudy. Oborderate following sea. At 12.30 changed consert to Ob. 12.9, per Flandard. Exercised brye at maning gran. At 3.30 counted the fire alarm. Flanted primps at 3.30, getting the first stram in our minute. So up province for abandoning ahip, and mutured crew abrall their boats. Fleunod at 3.54 Olinder all plaine sail to regale except flying jit and a single ref in the mainsail appointer at the wheel.

From 4 to 8 4.9h. Swittenant U. J.R. Swine E. Tr J. Okoderate following ala. At S. P. M. Choderate following ala. At S. P. M. took in muzeu topenant stayaril. At 7 9h. took in the spanker. At 7 125 took in mysler and put surger nut in the topenals and all topgallant sails and bauled up manusail. Appenitus at the whel.

From 8 P. M. to Pride. Deviteuant M. S. M. Conner E. L. S. Muder same sail as at sud of water preading, appendices at the wheel.

Some R. Ernus. * Eneign Q. S. S.

Examined and found to be correct.

J. B. Me ilter Navigator. Sieitewant Ol & D. ..

LOG of the UNITED STATES Thip ESSLX Third Rute, Waking passage from Newport R. S. to Southampton, England

			Reading		WIND.				BAROME				URE.	State of	Forms of	Clear Rhs.	o Sea.
Hour.	Knote.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heal.	Loeway.	Height in inches.	Ther. att'd.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Sev
A. M.	2.3	7															
1_	5	2	63.4	6 /2 9.	Of A 94.	4	2.5	0	29.98	77	76	73	80	0.0.	cum.	0	9kc
2	4	6	68.0			4	4-6	0	29.99	77	76	73	78			0	-
3	4	7	727			4	4-6	0	29.99	75	75	72	70	4		0	1.
4	4	3	77.0			3.4	2.5	٥	29.97	74	74	71	70	•	h	0	-
5	3	5	80.4		St Of		2.5	0	29.97	73	73	70	70			0	L.
6	4	2	84.0		*		3.7	0	29.96	1	,	70	70	t.e.		1	100
7	3	8	87.8	**	•		3-7	0	29.95		/	1	70			2	^
8	3	5	1		10100	3	3.7	0	29.94		,	'	70	0	**		-
9 .	2	6	93.1		16 Ob. by Ob.	3	2.5	0	29.97	i			ľ.	G. 6. m.	-	1	1
10	2	9	96.0	- 4.		3	2.5	0	29.97				. "	**	1.	4	1
11	1	6	97.6	**		1	2-4	0	29.97			V				4	
Noon.	/	0	91.8	-	- "	1	4-4	-	29.97	10	10	14	10				

107. 6 Dietanes	num by fog.		
Course and distance	e made good since preceding noon by observations, \$85° 6.	10 5 knots. tenths.	
	Latitude by D. R.	40 022 · N. "	
	Longitude by D. R.	63 040,94. "	
Position at Noon:	Latitude by observations of ©	40 019 18. "	
	Longitude by chronometer from Forenoon Observations of ②	63 03y . W. "	
	(Latitude by D. R. from Now	40018.18.11	
Position at 8 A. M.	Latitude by D. R. June None Longitude by Observation	63 047 194. "	
	(Latitude by D. M. from Nom	40 020 18. "	
Position at 8 P. M.	Latitude by D. H. from Nome Longitude by Shunometer from afternom observation o	63 0 16 94 "	
Correct during the	time, # knots tenths per hour, setting to the		
Error of the Compa	ass by Azimuth © observed at 5.33 Pk ship's head & 1/2 9.	16.03.04.	,
Deviation of the Co	ompass by Azimuth © observed at 5.13 P. ship's head & 1/2 9.	4 0 2 2 . 6 variation used, 16 0 30	d
	ass by Azimnth © observed at , ship's head	o ı n	
Deviation of the Co	ompass by Azimnth O observed at , ship's head	variation used,	•
Water expended du	ring the preceding 24 hours,	# 00 gallons.	
Water	during the preceding 24 hours,	6 34	
Water remaining o	n hand fit for use at Noon,	2320 "	
Coal consumed dur	ing the preceding 24 hours,	tous 400 lbs.	
Coal remaining on	hand at Noon,	94 " 90 "	

Р. М.									1							
		8	98.1	6.1/2 8.	CH. A 94.	1	0	0	29.98 7	8 77	74	72	b.e.m.	cum.	4	£
2	0	8	Harled in	**	~	1	0		29.97 7						4	1.
3	1	٤			-	2	0	0	29.97 7	8 77	75	78	,		4	9.4
4	1	3		٠,		2	٥	0	29.97 7	8 78	76	77		-	4	
5	- 1	5		4,		2	0	0	29.98 7	8 78	75-	77			3	
6	1	8		,		2	0	0	29.99 7	8 78	75	77	se.	cum wint	. 0	
7	1	7		*		2	0	٥	30.007	777	74	77	b.c.		1	
8	1_	8	1 1			2,	0	0	30.01 7	7 77	74	76		-	2	
9	2	8	98.1		(H. by Jb.	3	0	0	30.017	7 76	75	76	••	cum.	8	9.
10	12	8	100.2	*		3	٥	0	30.017	776	75-	76			8	-
11	2	0	101.5	,	,,	3	0	0	30 01 Y	7 76	75	76	b.	none	10	**
Mid.	1	8	2,5			3	0		30.017					· ·	10	
1																

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a.m

Overcast and pleasant. Product been from Qt. It & B. avormeter steady at end of watch under jit, for topmant stayeail, foresail, engle negled topsails and topgallant early on conne 6.12 & apprentices at the wheel

M. J. Colman Eusign Ol S. W. Crem 4 to 8 a.m. Cloudy. Gentle to moderate breyes from No. 6 cuse 6.12 F. (pc) at 6.30 the steamer Foresto with no colors flying passed alore about bound to the Ed. at 4.30 above reefs out of topposite and made all plans will to noyals except flying jit and wrather clew of manual and set migges topmast staypail. Long will find the tetraid. At end of water ship on her concer under for and migger topended staypails and all plans sail to engale except figure jit and wrather clear of manuscie apprentities at the wheel at 8.00 hauled in patent log and found it fouled with turne ; cleaned it and put it are again at 8.05 y

Orno 8 a. Or. to Therio

Heath breeze to light airs from N. O. by St. Cloudy and warm. Long ever from Not. and Old. airs bridge. George 6. Wilson, Coal Passer having body absent without leave from July 11th was this day declared a disente. at 11.55 took in myzer topmast stayant and sparker. at end of watch under plain sail to royale except flying jit aparter and wrather lew of single refer manual , apprentice at the whele Temperature of magazine 73.74 forward 71.71. aft.

From Merid to 4 4 M

Leutenauk U. J. M

blear. Misty. Light air and breen from Ch. N. Ch. Cones E. T. At end of water under early sail as in previous votels with starband studing sail, which was set at 1.00. At 1.80. hauled in patent log 98.1 kurte. Demperature of sea water variable. Apprentices at the whole at the wheel.

From 4 to 8 P. M.

Luitenant al. G. N.

Party cloudy miety and sultry. Light breeze from Ot. N. & Cheing barometer. On conce 6.1/2 5. under sand soil as preceding watch up to 7.00. Spoke the English stamer Oritish Princese Ecchanged muncher and signalled, both primary N. N. N. N. ausured N. J. Ob. At 7.00 toth in brown studying sail: called all branch ref topparile; shortened sail and took ne ref in topicals; shortened sail and took ne ref in topicals; shortened sail and sparker and suight ref and wrather clear of mainsail. Appendicion at the wheel

From 8 P. M. to Mid.

Serge R. Erans. E Eusign Qu. J. W.

Clear and pleasant. Bright starlight . Gentle breeze from It. by N. Barmeter steady. At end of watch under all plain sail to royale, except flying jet and wrather clear of mainsail and aparker, on conce E. To I. Appuntices at the wheel.

7. S. Coleman Energy Qu. S. Dr.

Examined and found to be correct.

J. B. Me illin Leutenant Os. S. Or.

LOG of the UNITED STATES Phip Essex Phind Rate, Making passage from Newspirt, R. D. to Southampton England.

			Dection		WIND.				BAROMETE	R. TE	MPERA	TURE.			lear ths.	See
Hour.	Knots.	Tentile.	Reading of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height The	Alt, Dry	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the Se
A. M.	Le	3											0			
1	1	5	3.4	6 1/2 F.	Ot. by J.	2	0	0	30.007	6 7:	5 74	1 78	b.w.	none	10	3.
2	1	7	4.5		04 994.	2	0	٥	30.01.7	67	5 74	178			10	1.
3	2	7	7.2			2.3	0	٥	29.9871	67	5 74	1 78	**	Cert turn.	10	
4	2	9	10.1	-		2-3	0	0	29.99 71	6 7.	5 74	78	b.c.w.	cinatial	8	
5	4	2	14.3			3	٥	0	30.00.7	6 73	5 73	77	b.c.		4	
6	4	2	18.5		*	а	0	0	30.00.7				~	cir.cum	6	
7	3	5	21.8		"	3	0	0	30.007					cir. atrak	8	-
8	3	1	24.9	-		3	0	0	3000 7.	571	6 77	77			8-	
9	4	4	29.3	* ,	991. by 94.	3.4	0	0	30.02 7	8 7	7 76	78		cir. eum.	5	-
10	3	7	33.0	-	0	3.4	0	0	30.02 7	9 7	8 76	78		-	5	-
11	4	2	37.2		Post.	3-4	0	0	30.04 8	0 8	1 78	78		-	5	-
Noon.			41.8			3-4	0	0	30.05 8	18	2 79	79		1 -	5-	1 .
										1		4				

61 0 Distance	erum by Log			
Course and distance	re made good since preceding noon by	observations, A64°6.	/-	tenths.
	Latitude by D. R.		40 026 1	
	Longitude by D. R.		62018 191	
Position at Noon:	Latitude by observations of O		41 001 N	
	Longitude by chronometer from Fo		61045,94.	. *
	Latitude by D. R. from Non Longitude by Observation	nv/	40 0 39 · N.	11
Position at 8 A. M.	Longitude by observation		62 006 126.	"
	(Latitude by D. ll. from Nov	W .	40 057 . N.	
Position at 8 P. M.	Latitude by D. H. from Non Longitude by Chinamiter for	in afternour observation	0 60 0 44, 94	. "
Current during the	time, 44 knots tenths pe	er hour, setting to the \$38 6		
	ass by Azimnth O observed at	, ship's head	۰ ،	
Deviation of the Co	ompass by Azimuth O observed at	, ship's head	ο ,	variation used, °
Error of the Comp	ass by Azimnth O observed at	, ship's head		"
Deviation of the C	ompass by Azimuth O observed at	, ship's head		variation used, °
Water expended dr	aring the preceding 24 hours,		400 g	allons.
Water	during the preceding	24 hours,		44
Water remaining o	n hand fit for use at Noon,		1920	*
Coal consumed dur	ing the preceding 24 hours,		tons 500	lbs.
Coal remaining on	hand at Noon,		93 - 1830	*

PES			m	-					1								
P	. M.	2 2	3	44.1	6.96.	£ 991.	3.4	0	0	30.06 3	0 80	77	19	b.c.t.	cireum.	5	P.
				50.9	*	**	3	0	1/4	30.06 80	80	77	79	-		3	
				55.2	64		3	0	14	30.06 7	9 79	77	79		cun ruit	2	*.
	4	4	0	59.2			3	0	./4	30.05 7	9 78	77	79		cir tum	2	
	5	4	8	64.0			3-4	0	1/4	30.05 7	9 78	76	79		cum strat.		
	6	3	8	67.8		٠.	3	0		30.05-7					,	3	
	7	4	0	71.8			3-2	0	٥	30.057	9 79	76	78			4	-
	8	3	8	75.6		-	2.3	0		30.057					cum ninel.	0	
	9	5	0	80.6	**		3-4	3	0	30.06 7	8 Y7	75	78	0.c.q.yt.l		0	~
	10	4	4	848			3-4	3		30.06 7					-	0	
	11	2	9	87.7	**		3	2	0	30.06 y	8 77	75	78			0	
3	did.	3	2	90.8	-		3	2						o c. plt	-	0	-
1															-		-

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Oriednight to H a One.
Clear and damp. Bright mornight and starlight Fight to gentle breeze from Or by I. backing to Or. I'm Stee smooth. This on her chur Els I (pc) under for topmost stayear and all plain sail to royale, except flying jil, poor clear of maintail and aparter. application at the wheel.

What spritter.

From 4 to & a. M. Secutivant U. F. Ch. Fair and pleasant Fronth area. Fighted at two mainted stranger standing to the Old at 4.30. At 4.25 art the flying jil, pot clew of manuful man and migner topmast stangent spanker and studding sail. It the migner gaff topsail at 7.30. At and of watch under all sail except the main thisail and a single ref in the manuful. Appuntuse at the when.

From 8 a. On to Cherod Sent Sently to moderate buys from 90 by 8 and 904.

Clear and pleasant Gently to moderate buys from 90 by 8 and 904.

at 9.30 mustured at quarters Commanding Officer inspected every and align after which he held Dirac Sence Quadre same sail as in parlating watch except single neef in manuscil which was shake met at 11.20 a. On appendix at the whele Conce 6 to 9. Demperature of magazine yo 72. forward, 73. 73. 44.

Demo Meine to 4 9 %. Scientenant & 3.9 % Cloudy Scray nimber cloude passing action of we accompanied by distant thunder Switch breezes from the 3.9% to 5% by 3 converge about steady. At 12.30 changed come to 6.96. Patent org reading 44.1. Under same said as preciding writely Expressive at the wheel.

From 4 to 8 P.M.

School on horizon, with thunder and lightning. Eight to moderate variable breeze from F. IN. Balonte strady all 10 low fulled eazile and strady flying jit and gaff topicals. At end of writch under all plane each to topicallant calls and all topicals stayoule, or come E. T. appendice at the whele.

N. D. L. S. S. S.

From 8 4.90. to Mid.

bloody, agually with passing shower and unsettled weather. At 9.30 a heavy came aqually passed now from 4th auti Old, recompanied by thunder and and lightning. Every sain aqually with highliming all around horizon during writer watch. Gentle to moderate breeze with highly aqually first tim know. At 8.50 took in many had suggest topmast stayonally such at 8.00 took in aparker. At 9.00 took in manicail sound at 9.25 clearly up topg allant saile to a equall. Concer 6.46. (pc). At each of watch ship on concernation for topmast stayonal and all plain each to topmash except manicail and aparker. Expecutive at the wheel.

MA Caperton.

Examined and found to be correct.

J. B. Millon. Narigator.

The Lieutenant QL & 92

F of the United States This Essler Third Rate, Making passage from Theorem. P. D. to Sinthampton England.

			Reading		WIND.				BAROME	TER.	TEMI	PERAT	URE.	State of	Forms of	lear tha	3
Hour.	Knota.	Touthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Hoel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clea	Statenfihes
. м.	40	1			A - 0 -												
1	2	7	93.5	6.96.	F. 901	3	0	0	30.05	74	75	73	78	0.c.v.l.t.	nint.	0	3
2	2	3	958		North	3	0	0	30.05	73	73	72	78	-	-	0	-
3	0	3	96.1	No steerageway	balm	0	0		30.03					4	1 -	0	
4	0	0	Hauled in	0 0		0	0	0	30.03	73	73	72	78			0	
5	0	0			Vanable	1	0		30.00					bc.n.	Cum. min	1.1	-
6	1	5		96.	16. ly 6.	1	0	0	30.01	73	73	72	17	b.c.	numb	4	
-	2.	5	96.1	98. 6. 6.	, 7	2	4		30.08						-	3	
8	Ц	3	2.3	96.346		3	4	./4	30.04	74	73	72	77	-	et die	2	~
9	3	8	6.1	96. h. 9.	6.16.	3	4	1/2	30.09	75	73	72	78	4	cur. eur	4	1 -
10	2	9	9.0	98:12 6	16. by 6.	3	4	1/2	30.10	75	75	73	78	**		4	1.
11	0	7	7.0	96.46	NE.	3	0	0	30. //	75	75	73	78		1.	4	٠.
oon.	1	1	12.1	96.	JUE. by 6.	3	4	1/2	30.12	75	75	73	78		1	4	

73. 5 Distance own by Log Course and distance made good since preceding noon by observations, \$72 . 6. 98 knots. 40 044 1 ... (Latitude by D. R. 60 0 16 194 " Longitude by D. R. Position at Noon: Latitude by observations of ② 40028 11.11 59 039 .04. " Longitude by chronometer from Forenoon Observations of © Position at 8 A. M. { Latitude by II. N. farm Norm

Longitude by Observation

Position at 8 P. M. {

Latitude by I. N. from Norm

Longitude by Chemonster from Oftenom observation

Longitude by Chemonster from Oftenom observation 40035 1 1.11 59053.04. " 40 0 15 . Jr. " 58 0 45, 94. " Current during the time, 33 knots tenths per hour, setting to the \$6126 , ship's head Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimuth O observed at Error of the Compass by Azimuth ⊙ observed at , ship's head variation used, Deviation of the Compass by Azimnth O observed at , ship's head 320 gallons. Water expended during the preceding 24 hours, during the preceding 24 hours, Water 1600 -Water remaining on hand fit for use at Noon, tons 800 lbs. Coal consumed during the preceding 24 hours, 93- 10-30 " Coal remaining on hand at Noon,

-		-	-			5 3	-								-	
P. M.	3	2	15.3	\$6.12 &.	NE. by E.	3	4	1/2 30.14	75	75	72	79	b.c.	cir.cum atrab.	5	9
			18.4	96.6, 6.	AE. by A.	3		1/2 30.15					4.			
3	3	9	22.3	6.96.	JINE.	3-4	4	1/2 30.16	75	75	72	79		eim eta	3	4
4	4	7	27.0	et	**	3.4		1/2 30.17							4	
5	6	0	33.0				.7.2								/	4
6	5	6	38.6		-	4	7.2	1/2 30.20							4	5
7	5	4	44.0	96.	A8.	4	7.2	1/2 30.20	74	73	72	77		~	4	~
8	6	0	50.0	96.126.				1/2 30.20							1	0.0
9	6	2	56.4	96.49.	No by &	5	7-2	1/2 30.20	75	74	72	78		tum aint.	1	1-
10	6	4	62.8	98.129	6.16			1/2 30 20							0	4
11	5	6	68.6	Jh 8.3/46.	6 by v.			1/2 30.41						~	2	
Mid.	5	4	73.8	9.96.126.				123022							e	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Thirdneight to 4 a. M. Stentle breeze from FIN fiet home, suddenly orining at 1.00 in a same equall to North. Ealine after 2.00. Entrucine rain after 1.00 with thunder and lightning. Furth sea Fighted the lights of a steamer at 1.30, standing to the Mit Auduly pl, for topmark stangard, fread and topsails. Appendicula at the wheel doubt in patent log at 3 or reading 96.1

Second of to & a. D. Dendy to fair. Caming field half of field boom Panath aire field boom, then high aire to gluthe brees from M. E. M. & So work ahip to the and Ed. abborders, made sail to expale at 72 res are staypaile. Conher E. F. at end of water by the second and all sail except mains tripail. Appendices at the whal at 6 re put one getter log to I harte. He well

From 8 a. n. to Presid.

Cloudy to fair. Swith breeze from between N.E. and E N.E. Riving bremeter.

By the wind on the pol tack: plain each to regale and main and migran trymast stagnate gaff thread also main trymal after elevan. A 9.30 kneetend at quarters. Detwoon 9.30 and 1100, remeal sail dull. Bar unitaritie to trye of watch on deep in machinepite reasonably leturen 11.00 and Prendew. Appendix at the wheel Designatur of magazine 74 73 formed 73 73 2ft.

First Preside to 4 P.M. Cheign 96 & M. Cheign 15 & M. Cheign 15 & M. Cheign 15 & M. Cheign 15 & M. Cheign 16 &

Firm 4 to 8 P. M. Senerally closely and uncettled weather Thodust brey from N. M. wife weing to M. M. Ouing to the Philipse closely specing only from N. M. and Ed. Concer E. T. (Jp.c.) At 440 took in gaff topical and at 450 took in region of 630 health dawn and atoms and mayor topicant daman and might be formally took anight welf in topicals and est tryopallest early one them. At end of water this for the wind on part took under for topical stayeard, main tryonil and all plains will to topicallant wall except anight welf in topicals. Augustices at the what.

Firm 8 P.M. to Mid.

Thiff to surdente been from NE. by E. and E. by N. blondy spartly clearing last ten house. Passing cain shows after 9.30. More channel last that have Jork in main tripial at 11.30. By the wind no port tack under jet, for topmach stayeard, spanker, course, and topgettlast early now engle refed topsails. Appendices at the whal.

The Recent Scrittmanh & N.

Examined and found to be correct.

J. B. Mo Mon

30.8

35.6

42.6

996

of the UNITED STATES Thip Essex. Third Rate, Making passage from Plewport R. J. to Southampton, England. Ely N. 4 3.7 9.96 1/2 30.23 75 74 73 78 79.3 4 3.7 93/46. 1/2 30.24 75 74 73 79 83.8 6. by d. 6. by d. 6 and 9.14 24. 3.7 1/2 30.24 76 75 73 79 88.2 9. by 6. 1/2 30.2576 75 73 79 4 2.6 92.9 3/4 30.25-76 75-73 79 f.c. 4-5. 5 98.3 3/430.26 77 75 73 79 9. ly 6. 9.96 4-5 5 4.2 3/4 30.27 77 75 73 79 4 5 9.2 3/4 30.27 77 76 74 79 ... 12 30.30 77 76 74 80 6.0.p. 4 5 14.3 9. by 6:126. 4 5 197 4-5 5 1/2 30.32 77 76 74 80 25.2

4.55

4.5 5

6.86.

1/2 30.32 77 77 74 80

1230.3277 7774 80 toc.

				1			
-	123. 3 Dusta	un and by Patent Tog.					
	Course and distance	e made good since preceding noon by	observations, P.49º6.	140 knots.	tent	hs.	
		Latitude by D. R.		39 004	11. "		
	Position at Noon:	Longitude by D. R.		57 . 57	194. "		
	Position at Noon:	Latitude by observations of @		38 054			
		Longitude by chronometer from Fore	enoon Observations of O	57 0 18			
		(Latitude by D.R. fund Now		39 0 12	1 100 11		
	Position at 8 A. M.	Latitude by D.R. fund Norm Longitude by Observation.		57 -031	194. "		
	n	Latitude by D. R. fund Norm Longitude by Chromometer fine		38 03			
	Position at 8 P. M.	Longitude by Chronometer fine) Afternow observation	56.38	194. "	•	
	Current during the	time, 33 knots tenths per	hour, setting to the \$56	² 6.			
		ass by Azimuth O observed at	, ship's head	0	'		
	Deviation of the Co	ompass by Azimuth @ observed at	, ship's head	0	,	variation used,	C
	Error of the Compa	ass by Azimuth O observed at	, ship's head	٥	, ,,		
	Deviation of the Co	ompass by Azimuth O observed at	, ship's head	٥		variation used,	(
	Water expended du	aring the preceding 24 hours,		33	O gallo	ns.	
	Water	during the preceding 2	4 hours,		44		
	Water remaining of	n hand fit for use at Noon,		/2	50 "		
	Coal consumed dur	ing the preceding 24 hours,		tons			
	Coal remaining on	hand at Noon,		93 " 7	30 "		

-	-	-					-	1 1	-	1	2000			20,0000	
P. M.													civ.		~0
1	5	5-	41.1	9.96.3/46.	6. by N.	14	5	8/4 30.30 78	78	74	79	b.c.	CIV. CUM.	4	9.
- 6	5	6	46.7	9.96. 126.	6.46.	4	5	3/4 30.29 78	78	74	79	4		6	**
3	5	2	51.9	96.3/4 9.		4	5	3/4 30.29 78	78	74	79	~		7	11
4	4	5	56.4	96:149.	16. by 6.	3-4	14	3/430.2978	78	74	79		-	7	
5	4	6	61.5	\$6.1/26.	JG!	3-4	4	1/2 30.32 77					-	7	
6	4	6	66.3	96. by 6.		3-4	4	1/2 30.33 77	77	73	79		-	4	H.,
7	4	5	70.8	96.946.	16 ly 6.	3-4	4	1/2 30.34 77	77	72	79			3	٠.
8	2	0	72.8	\$6.	NE.	3	3	1/2 30 35 78	78	73	79		or.eum.	3	**
-9	1	8	73.6	96. by 6		3	4	1/2 30.34 78				_ `	etiet.	7	٠.
10	1	6	Haused is.	96.		2.3	4	1/230.33 78	77	74	79				
			**	96.129.	16. by 6	2-3	4	1/2 30.32 77				b.o.p.	oricum.	7	**
Mid.	1	3	**	96.3/4 9.		2.3		1/2 30.32 77	77	74	79	b.c.	cirmin	7	
													1		

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Fair to clear. Moderate breeze from E. by A. to E. by S. Comese East By the wind under same sail as in preclaing watch. appendix at the whal.

Firm 4 to 8 Q. ON.

- Cloudy Dark minhu clouds to windward Moderate to stiff breeze from Each and E. by N. Riling bassometer. Comes Each. By the wind in part tack. Qt alm 600 made all plane acid to toppgallant sails. Appendice at the while.

N. Comman Mends to 4 P. M. Dair to clear and pleasant. Anderate to guth breezes from 6. by a backing to N. E. by E. Commercial (p.o.) Carevised watch on dead during 3th penied at loving atting taking in and fulling vayals: 4th penied watch blow instructed in grunnery and 5th peried watch light instructed in left and bad and executed in grun topmach head Thip by the wind on fort tacks under for topmach staysail main trysail and all plans said to topgallant pails. By order of boundaring Officer or find J. Forder (S. P. for fire days in single serve for assaulting another period in the Bay. The grunning gang engaged in clausing and lubicating trumind of main battery. Apprentice at the wheel.

Down 4 to 8 P.M. Scentinant Ch. S.M. Moderate to gently breeze from No. and No. by E. Cloudy and pleasant. at 650 exercises at soil drill. For in and full topgallant scale, and trook two single reefs in the topsails. Oftenade short me refer and made soil to topsails at end of water by the wind on port tack under jet, for topmast staysail, main trysails, sparker, some and topsails. Appentice at the wheel.

From 8 P.M. to Mid.

Sight to gutte been from ME. and NE. by E. bone E. by the wind under same sail as in preciding water except manual which was taken in at 10.30. At go clock hauled in patent log 73.6 thints. The more rose clouded about 11 o'deck. appendices at the what.

Lieutenant On & De

Examined and found to be correct.

J. B. Me iller. Sarigator. Lieutement & D. Navigator.

OG of the United States This Essex Third Waking passage from Phenoport, a. I. to Touthampton, England. \$6.49. 16. ly 6. 3/4 30.30 76 75 74.79 3 3 2 0 Hauled in 3/4 30.30 76 75 74 79 96/29. 3 3 96.349 3/4 30.31 76 75 74 79 3-2 2 5 3/4 30.31 77 75 74 79 7 96.129. 2 6.46. 1 30.30 79 77 74 79 5 96. by 9. 2 2 2 30.29 78 77 74 79 NE.ly 6. NE.ly N. gE. 3 30.29 80 77 75 79 1 30.30 80 78 76 79 96. ly6. 6.96.126 0 3/4 30.32 79 79 76 79 0 6.96 3/4 30.32 80 81 77 79 0 30.33 81 83 78 80 balm No steerageway 11

54.8 Distan	re new by bog.	
Course and distance	e made good since preceding noon by observations, \$51.6.	65 knots. tenths.
	Latitude by D. R.	38 ° 20'√. "
Position at Noon:	Longitude by D. R.	56 0 26 94 "
Position at Noon:	Latitude by observations of O	37 ° 56' W. "
	Longitude by chronometer from Forenoon Observations of ⊙	56 ° 38 '%. "
	(Latitude by D. R. from None	37 ° 57 'N "
Position at 8 A. M.	Longitude by of seventing	56 040 '84. "
	(Latitude by D. M. from Nom (No sterageway)	37 ° 56 'W. "
Position at 8 P. M.	Latitude by D. H. firm Norn Longitude by Schuration (Latitude by D. B. from Norn Longitude by Shimornitiv fund Afternorn observation time, 27 knots tenths per hour, setting to the F21. W.	0 56°47' W. "
Current during the	time, 27 knots tenths per hour, setting to the \$21.04.	
Beror of the Compa	ass by Azimuth o observed at 4.14 3, ship's head J. h. 6. /2 6	5 17° 10'8/.
Deviation of the Co	ass by Azimuth ⊙ observed at 4.14 Mg, ship's head J, ly 6.12 G mpass by Azimuth ⊙ observed at 4.14 Mg, ship's head	2 ° 17 '6. variation used, 17 °20 94.
Error of the Compa	ass by Azimuth O observed at , ship's head	
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	variation used, o
Water expended du	ring the preceding 24 hours,	350 gallons.
Water	during the preceding 24 hours,	69
Water remaining or	n hand fit for use at Noon,	900 "
Coal consumed duri	ing the preceding 24 hours,	tons /200 lbs.
Coal remaining on l	hand at Noon,	92" 1770 "

0 30.34 82 82 78 80

									1								
Р. М.						1 !			1 2								-4
_ 1	1	0	Houledin	Tearing ship	96.	0-1	0	0	30.34	83	83	78	79	b.c.	cir.cum.	. 7	9
2	0	0		Vearing ship to steerageway	Calm	-0	0	0	30.33	82,	82	77	79	du .	:	7	
3	0	0		- 1	1 .	0	0	0	30.33	82	81	77	79	~	cum strat	. 7	
4	0	0				0	0	0	30.33	81	81	77	80			7	,
5	٥	0				0	٥	0	30.33	81	81	77	80		cir. aum.	7	-
6	0	0	~			0	0	0	30.33	82	81	77	80		eum.		
7	0	0		-	-	0	0	0	30.33	82	81	77	80	-		7	
8	0	0			-	٥	٥	0	30.33	82	81	77	80		cir oum	7	~
9	0	0	٠,	,	-	0	0	0	30.84	8/	79	76	80	:	strak	9	*
10	0	0			-	0	٥	٥	30.34	81	79	76	80	6	none	10	
11	0	0				0	0	0	30.34	80	79	76	80	bo.	euw.		
Mid.	0	0				, 0	٥	0	30.34	80	79	76	80			4	

, U. S. Navy,

, 1894.

W. Rakerton

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a M. Bright moonlight and starlight Sentle breeze from No. by 6. Baroneter rising elightly Conne 6. by 8. By the wind port tack under jet, for topmast staysail, topeails, forbail, main trysail and spanker. Apprentices at the wheel.

Jing C. R. Con.

Decree 1. C. Con.

Cuesian U. J. M.

From 4 to 8 a. M. Gratly cloudy and warm. Light any to light breyer from ENE to UE. Barrenter steady at 70 clock at top gallant sails and wight. At end of watch under all plans and to egals treeps manual or port tack, clas hauled brading 45 by 6. Comme & by N. appendicio at the wheel.

From 8 a. M. to Merid.

Chear, warm and pleasant. Balms and light airs from N. D. So trungway last two hours. Mutatised at quarters at 9.30. At 9.45 exercised all hands at abortuning, furling and making sail. At 6.15 claude up toggallant sails, wyals and took in spanler. Shailled and repaired both rudden chame. At end of watch ship under for topmast atayeal, it and topsails with no steragency. Appendices at the wheel deseprenture of magginin 75-75 formand, 70-75. at.

Disso Merid to 4 P.M.

Sight air from FE. first hour: calm during remainder of watch Fair and warm. I mooth era, at 12.30 changed come to E. N.E. per Faudaid. Now ship between 12.35 and 1.20 huiging chip by the wind on etailoraid tach. Set forwall and topgallant sails at 1.00. At end of watch, under four topmast stayonib and pain sails to topgallant sails at 1.00 at end sparker. Appendice engaged every mamicail and sparker. Appendice engaged every and painting timeh Rolling. Summing and printing timeh Rolling. No 44, or lowered. Summing and we can be add to get at lower light. Appendice at the wheel.

From 4 to 8 P.M. Lieutenant Delin. At 5.45 hauled up foreign and took in topgallant saile. Ander topicals job and four topicast stayeal at end of water. At 7.30 exercised neeping topicals. Connect E. No. appendices, at the wheel.

From 8 a. M. to Merid.

Clear for most part with bright starlight. Dark clouds vising in the East, latter part. Throw was behind bank of clouds at about 11.00. belleve. No sterraguray. Conver E. N.E. Leading between Nr. N.E. and N. N. N., most of the time, but surriging alonely to the Ed. last hour. Baronter light and steady. apprentice at the wheel. Under for topmast staysail, jet and topsails.

George R. Evans Enign Ol. A. D.

Examined and found to be correct.

J. B. Me iller Navigator. Lieutewant & S. N.

They Essex Phird from Previous Of S. to Southampton, England.

(9h	la	king	passage y	how Rewige	nt (R,	J.	to T	out	ha	ny	pto	u, Eng	gland	<i>/</i> .	
			Reading		WIND.	-			BAROME	TER.	TEM	PERA	TURE.	State of	Forms of	lear the.	See
Honr.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Cle 8ky, in 10th	State of the
A. M.						1 3								0	cir.um		
1	0	0	Haubd:	Stearing ship.	9. 9°E.	6-1	0	0	30.31	.80	79	76	80	b.c.	atial.	7	9
2	0	0	7	NG.		0-1	0	0	30.31	80	79	76	80	*	-	7	
3	0	0				0-1	0	0	30.31	80	79	76	80			7	*
4	0	0		16. hy 6.		0-1	0	0	30.30	80	79	76	80	4.		7	-
5	0	0		No steerageway	balm	0	0	0	30.30	79	78	76	79			7	-
6	ŏ_	4		6.16.	Pouth	0-1	0	0	30.00			,				8	1-
7	0	3				0-1	0	0	30.31					~	Cir.eum	8	-
8	0	3				0-1	0	0	30.32					**	*	7	-
9	0	0		No steerageway	balm	0	0	0	30.34							7	
10	0	0				0	٥	0	30.34	83	82	78	80		-	7	*
11	0	0	·			0	0	٥	30.34			,		٠.		7	
Noon.	0	0	-			0	0	0	30.34	83	82	78	80		1	7	1
		-	2	1.				-	1		-		-			-	

2. 0 Distance num by frag

Course and distance made good since preceding noon by observations, T // = 94 30 knots. tenths. 37 ° 57 ' N. " Latitude by D. R. 56 037 '84 " Longitude by D. R. Position at Noon: 37 º 28 ' Nr. " Latitude by observations of O Longitude by chronometer from Forenoon Observations of ② 56 044 '04. 37 ° 28 ' N. " 56 044 '01." 37 032 · N. " Position at & P. M. Latitude by G. R. from Norw

Longitude by Chimometer from afternoon observation o

Carrent during the time, 30 knots tenths por hour, setting to the \$\frac{F}{I} \grave 2\text{ V} 56 030 101. Feror of the Compass by Azimnth @ observed at 7.550.00, ship's head 6. 16./26. 15°53' 04. 6 40 6 variation used, 17 20 % Deviation of the Compass by Azimnth O observed at 7.55 Q. O., ship's head For of the Compass by Azimuth O observed at 4/4 200, ship's head 6.46. 17 11 '04." 5 27 6. variation used, 17 0 30 '94. Deviation of the Compass by Azimuth O observed at 4.14 Osa., ship's head Water expended during the preceding 24 hours, 350 gallons during the preceding 24 hours, Water Water remaining on hand fit for use at Noon, 550 tons 300 lbs. Coal consumed during the preceding 24 hours, 92 " 1470 "

Р. М.								}								8	
1	0	0	Houseding	No oteerageway	balm	. 0	0	0	30.34	83	84	80	80	bo.	CLF. CLUM	8	9.
2	0	0,		. 6 1		0	0	0	30.04	83	84	80	80	٠,		-7	١.
3	0	٥		**	N. N. 94.	0-1	0	0	30.33	83	84	80	80			7	
	٥			6.46.		0-1	0	0	30.83	83	84	80	81	•	-	7	-
			L.		Nely at.	0.1	0	3/4	30.33	83	84	78	81			7	.)
6	f	5			N. N. W.	1	0	9/4	30.33	82	82	77	81		-	5	4,
7	1	5	٠.			1	0	3/4	30.33	81	81	77	81			7	4
8	2	0	4		1. by 94	1	0	1/2	30,33	80	80	77	81	b.v. p		7	
9	./	2	73.8	6. by N.	-	1.2	0	1/2	30.32	80	80	77	80	b.c.	cue smil.	7	-
			74.0	6 A6.126.		2	0	1/2	30.32	80	80	77	80				
			75.0	E.N.B.	-	3	0		30 32								
Mid.	2	5	75.7			3.4	0	1/2	30,32	80	80	77	80	-	- 1	6	
			,			_		_									-

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a M. Partly cloudy and pleasant. Calm to light airs from J. J & Drom 1200 to 100 were ship and at 10 clock art course and aparker bringing ship heading N & at 20 clock took in manural and aparker. At 20 of watch much jit, for tophnast staysail, forward and topicall history NE by & without steerageway. apprentisely at the wheel staysail, forward and topically history NE by & without steerageway. apprentisely at the wheel.

Come & to & the and warm balow and light airs from Forth No stewagoway part of watch bours & No. (spec) and same sail as at end of previous watch apprentices at the which apprevious.

Own 8 a. On to Merid

below fair and vry warm. Frooth eea Under same sail as at end of preceding watch. Present from at quarter at 9.30 and exercised at divisional germ drill. afterwards the approximate and secubled hammed's apprentice at the wheel I imperative of magazine 15° 71° found, 73° 73° aft. Gen Roeall

From Merid to 4 9 9.

Clear and bot. balow to light aire from A. N. Conne E. N. E. Frame sail as in presencing watch until 2.45 when sail was made to royale with stayeasle . Or sail on muzzie. af the while. Geneell Lentenant Cu. J. St.

From 4 to 8 4. M.

blear warm and spleasant. Very light airs from N. N. and N by & Q1 7.30 a moderate rains equall pained war from the MN. after which which some and out attrough from the No Barontes high and steady. Come 6.86. Beaded off thee quarters of point at each of watch Q1.7.00 enfed courses, then shoot out ruf in foresail. Fort in guid fully royale.

Sange . Com.

From 8 P. M. to Child.

Show & Stranger standards. Fight to moderate buyer from N. ly W. Barometer steady.

Of 9.40 and main trysail. About of watch under all plain earl to topgallant early and all themsel stangered much main trysail, on come 6. N. 6. apprentices at the wheel

N. A. Solsman

M. J. Colman & Sunga Qu. J. Ok.

E Eurign Qu. J. M.

Trentewant W. F. R.

Examined and found to be correct.

J. B. Me illon Sarigator. L'entenant Ch. J. D.

LOG of the UNITED STATES Thip Essex, Third Rate, Making passage from Newport R. J. to Touthampton, England.

		_	4 V	- U	V			_			_		_	<i>V</i>			-
			Reading	~	WIND.				BAROMI	ETER	TEM	PERAT	URE.	State of	Forms of	Tear the	Sea.
Hour.	Knote.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bulb,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Clouds, by symbols.	Prop. of Clear Sky, in 10ths.	State of the
A. M.	4	4															
1	2	0	76.9	6.16.	N. N. W.	2	0	3/4	30.3/	79	79	76	8/	b.e.l.	cir.eum	9	9
2	2	0	78.5			2	0	3/4	30.01	79	79	76	81			5	
3	2	, 2	79.0	*		2	0	0/4	30.31	79	79	76	80			6	-
4	2	2	80.2			2	0		30.30					~		7	-
5	2	. 8	81.1			12	0		30.29					b.e.		4	
6	3	0	84.1		A by 91	2	0	1/2	30.27	78	78	74	80			2	
. 7	2	0 '	855		- 0	2	0		30.26					- " -	-	4	
8	2	0	87.2	-		2	٥		30.25							4	
9	2	2	89.2			2-3	2		30.30						-	5	
10	2	4	91.6			2.3	2		30.28							4	
11	2	6	94.2			2-3	2		30.30						-	4	
Noon.	2	0	96.2			2-3	2	1/2	30.28	80	80	76	80		-	4	-
									_	-	_	_	-	-		ш	Corre

4 2 . 1 Dista	use and by Log.	
	e made good since preceding noon by observations, & 3.6.	60 knots. tenths.
	Latitude by D. R.	37 ° 48 ' N. "
20 111 11 27 11	Longitude by D. R.	55 ° 68 ° %. "
Position at Noon:	Latitude by observations of ①	37 0 43 'N. "
	Longitude by chronometer from Forenoon Observations of O	55 ° 32 '94. "
	Latitude by D.M. Jum Nom Longitude by observation	37 039 'N. "
Position at 8 A. M.	Longitude by observation	550 42 '04. "
	(Latinde by F. B. from Norm) Longitude by Chernometer from afterum observation 0	37 · 52 · N."
Position at 8 P. M.	Longitude by Chimometer from afternom observation o	550 06.94."
Current during the	time, 18 knots tenths per hour, setting to the 972 - 6	
From of the Compa	ass by Azimuth O observed at 4.100%, ship's head 6.46.	17 0 42' 94.
Deviation of the Co	ompass by Azimuth o observed at #11000, ship's head & . A &.	17 ° 42' %. 5 ° 26' 6. variation used, 18000 %.
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	o "
Deviation of the Co	ompass by Azimuth ⊙ observed at , ship's head	variation used, 0
Water expended du	ring the preceding 24 hours,	376 gallons.
Water distill	during the preceding 24 hours,	101 "
Water remaining or	n hand fit for use at Noon,	275 "
Coal consumed dur	ing the preceding 24 hours,	tons /530 lbs.
Coal remaining on	hand at Noon,	91 " 2180 "

P. M.								1						cir.		
1	2	8	99.0	6. NE.	A by 24.	2.3	3	2 30.27	80	80	76	80	bo.	Cir. man.		9.
2	2	.4	1.4	6.16.146.	A by M.	2.3	3	1/2 30.26	80	80	76	8/		1 4	4	٠.
3	2	0	2.2		**	2	3	3/4 30.25	80	80	76	82		4.	7	
4	2	0	2.2	6. by s.	Sorth	2,	8	1/2 30.24	80	80	76	82			6	~
5	2	8	3.7	6.SE.	A by 94.	3	3	1/2 30.24	80	80	76	82	~	1	7	
6	3	3	7.0	-		3	4	1230.23	79	80	75	81			7	
7	3	3	10.3	**		3	4	1/2 30.23	78	79	74	81	-	-	8	
8	2	0	11.6	6. by A.	Aly 6.	2	4	1/2 30.23	78	79	74	81	4.		7	*
9	2	5	/3.3	-	North	23	3	3/4 30.24	78	78	74	80	b.c.l.		9	
10	2,	٥	14.2	E. by 9.	A. ly 6.	2	3	3/43024	78	78	74	80		en.ant	7	
11	2,	0	17.0	6.9.6/26.	A.46.	2,	3	3/4 30.24	78	78	74	80			8	**
			17.0	6.96		2	3	3/4 3024	78	78	74	80			1	**

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Midnight to 4 a. M. Clear to fair and pleasant. Phind light from I NO. Sightning to the N. N. M. frist how and to the North and N. N. E. latter part of watch. Moon note about midnight. This on her course E. N. E. (p.c.) all of watch under fore main and mygin topmast starbail, main trysail, and all plain sail to top gallant sails, except single neef in manisail. Experience at the wheel.

Diene H to 8 a. Ok.

Sight beeze from A. N. A. and N by Ob. Partly cloudy and pleasant Throthe sea. Tel the royale and flying jit at H. 30. Hauled up wrather clear of manifest at 5.30 to improve draft in five room. Franted five under boiler B at 5.00 for diskilling. At end of watch me port tack come E. N. E. wider for man and migres topmast stayeaile main trysail and plane sail to royale, except wrather clear of maintails. A barger in eight to windward during part of watch will down, standing to N. and Ed. apprentice at the whele.

Firm 8 a. M. to Cherid.

Stean Light and gentle breeze from I by the Breeze E. No. Cluder same earlier im preciding watch at 9.30 meetered at quarter and then exercised at General Curature: Director ready as follows: Brown Dander of menture: after Constant, 4 minutes 30 executes; 1th Director, 8 minutes; 2 d. Director, 5 minutes; 3th Director, 4 minutes; 40 exemples Chargetra Director, 5 minutes. Commanding Officer imported Director at Junior of meaning at quarters. Coppendicts at the wheel. Commenced distilling with banked free under boler 13. Deservature of meaning 16th 75th found, 76th 9th.

[Hercell

From Presid. to 4 P.M. Lieutenant D. S. M. .

Dies wrother. Light breezes from I by M. to North. Baroneter felling slowly Connece

6. No. Headed off from concer last their bours. Distilling with five backed under boiler B.

Mudes all earl early gaff topsail. Fourth sea. Apprentices at the which.

Firm it to 8 9.90.

Party cloudy and pleasant. Switle to light beeze from N by 8. to N by 6. 4. 4.26 rough bill for five quarters, at 4.29 atacted jumps and get first stream in 1 minute, 20 are mode. There at 4.5. As set sparker and gaff topsail but 7.10 called all lands took in light sails and class reflect topsails and them made sail again. At end of watch under all plain sail to engle all topsails maintained and aparter gaff topsails on class hauled on prob tack, heading 6. by A. Some G. N.E. appendixes at the wheel. Tietiling with braked free under 18.

Vim 8 9.90 to Mid.

Leweally clear and pleasant I said light from North, evering to No. V. 6. Concer No. 4.6. Concern No. 6. Concern No. 6.

Examined and found to be correct.

J. B. Moilton Savegutor. Shirtmant al. S. M.

Leutenant Ve. J. Ok.

LOG of the UNITED STATES Phip Essex Phird Rate, Making passage from newsport R.S. to Fouthampton, England.

			/ V	0 0	U					-						_	
		1	Reading		WIND.				BAROME	ETER.	TEM	PERAT	URE.	State of		lear the.	800
Hour.	Kuota.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Buib,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea 8ky, in 10ths	State of the
										1							
A. M	29							١.									
1	0	5	17.6	6.96.146.	16. by 1.	1	0	1/2	30.20	78	78	75	80	6.c.	cumunit	9	9.
2	0	0	17.6	No other agerray	balm.	0	0	0	30.19	78	78	75	80			9	-
3	2	0	17.6	E. ly Sv.	North	2	2,	1/2	30.18	78	78	75	80			7	-
4		8	,	6.4 6.1/26.	A. 6,24.	13	2	1/2	30.17	78	78	75	80			5	
5	1	1 -	19.0	6. by 9.	1.16.	1	0	1/2	30.19	77	78	75	79		-	5	
6	.,	4	Heuledi			1-2	0	1/2	30.21	78	77	74	79			5-	
7	. 1	5			-	1-2	0	1/2	30.22	78	.75	75	79			4	
8	,	4		\$ 6. h, 6.	A6.	1-2	0	1/2	30.21	79	74	73	79		constrat.	6	
9	1	0		961.9	N6. 46.	1-2	2	3/4	30.23	79	75	74	80	-		5	
10	1,	0		9.96/26.	6.16.	1-2	2		30.25							2	
11	7.	5		6.96.	A6.	0-4	5							0.0. gra	nint	0	
Noon.	~	0		96.		0-1			30.27							0	
	Ľ									-	1	-					-

45. 2 Distance rum by Fog.	
Course and distance made good since preceding noon by observations, & h, w.	45 knots. tenths.
Latitude by D. R.	37 °55 ' N."
Longitude by D. R.	54 038 19%. "
Position at Noon: Latitude by observations of ©	37 0 48 1 N. "
Longitude by chronometer from Forenoon Observations of ②	54 0 37 194."
Position at & A. M. { Latitude by D. B. from Norw Longitude by Presention	37 ° 52 ' N. "
Congitude by observation	54°43'%"
(Latitude by D. R. from Norw	38 0 16 ' A. "
Position at 8 P. M. Longitude by Chronometer from afternom observation	54 0 33 . 94. "
Position at 8 P. M. { Latitude by D. R. from Norm Longitude by Chronomater from Oftenen observation Current during the time, 7 knots tenths pur hour, setting to the F/2 &	
Bror of the Compass by Azimuth @ observed at 4.14 , ship's head . A. A. E. 7/8 6.	19°05'94
Deviation of the Compass by Azimuth @ observed at 4.10. , ship's head 1. 167/8 6	. 3 ° 50 ' &. variation used, 19 ° 30 %.
Error of the Compass by Azimuth ⊙ observed at , ship's head	0 1 11
Deviation of the Compass by Azimuth ⊙ observed at , ship's head	o variation used,
Water expended during the preceding 24 hours,	500 gallons.
Water distilled during the preceding 24 hours,	689 "
Water remaining on hand fit for use at Noon,	464 "
Coal consumed during the preceding 24 hours,	/ tons 760 lbs.
Coal remaining on hand at Noon,	90 " 1420 "

-	1	1	T			1				appropriate to	1		1			
P. M.														1 3		_
1	0	٥	Harled -	No steerageway	balm	0	3	0	30.26 78	77	75	80	b.c.	Cir. cum.	4	9
2	0	٥		0		0	8	0	30.25 79	18	76	80		-	5	10
3	0	0	. 1		1.	0	3	0	30.23 79	78	76	80	**		5	-
4	0.	0	19.0	'	9. t. 96.	0-/	3	0	30.23 79	78	75	80			S	
5	7	2	26.2	A. NE. 3/4 6.	6. by N.	0-1	0	0	30.23 70	79	74	80		-	5	**
6	7	4	33.7			0.1	0	0	30.21 79	79	74	80		econ.	4"	
7	7	4	41.1	**	Q1. 9°94.	1	0	٥	30.20 78	78	73	80		.,	6	
8	7	1	48.2			2	0	٥	30.20 78	78	73	80			5	
			56.0		404.	2	0	٥	30.25 79	78	74	80			6	.,
10	7	0	63.0	-	4.	2	0	0	30.27 79	78	74	80	,	cir cum.	7	
11	7	1	70.1		••	2	0		30. 28 78					cur aunt	2	-
_	,		77. 1			2.3	0		30.28 78		,		**		5	-
	1	Ú	,,,							1''	1	1				-

Lieutenant Cl. J. W.

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY.

Mednight to Ha.M. Eight aim to quitle breen from No. by M. to N by M. and calms. blear frist two hours, pailly cloudy last two. Other row at 12.20. I morth sea. At 3.15 set the flying zit ryele and main and migres topmast stayeals. At end of watels on your tack under all the stayeals, main tryeis, and plain said to royals except a single neef in the mainial Distilling with free banked under boler B. apprentices at the wheel.

From 4 to 8 a. C. Linder and breeze from A. N.E. to N.E. borne N.E. by E. Pr. E. Cluder same sail as in preceding watch. Barked free under biles B. appendice at the wheel.

Hereell

From F a. M. to Overid.

Cloudy. Eight air and breezes from Interior NE and E. NE. At about 10.30 a heavy rain equall aerompanied by moderate breezes in quiete came up from the NM. Rectured earl and naw off under jet, for typical staypail, freeail and topicale. At 11.00 made earl to topicale early except manusal. Italiah free under brilen 6 and D. At end of watch boriting enoch gapes and bruding straming evers! Backy strengency after 11.00 apprentices at the whell. Distilling with free backed under brites B. Semperatures of magazine 76-75 forward, 75-75-34.

From Merid. to 4 P. M. Energy D. Ja.

From 8 C.M. to Mid.

Sight to gentle breeze from N. V. Generally fair. Finorth sea. Oluder steam alone using bilers B. b. and D. on conce N. M. 6. 3/4 6. per Standard. arrage steam 55 lbs. Aevolutions 40. apprinters at the wheel.

Good Comment (26. 4. Ch.

Examined and found to be correct.

Lewtenant U. J. O.

" Lieutenant Q. S. Dr.

LOG of the UNITED STATES Ship Essex Shird Rate, Making passage from Precipert, R. J. to Southampton, England.

			Reading		WIND.				BAROMET				URE.	-		lear be.	See
Honr.	Knota.	Tenths.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther. atl'd.	Air, Dry Baib,	Air, Wet Bulb.	Water at Surface.	State of the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10the	State of the
A. M.	57	6							1								
1	7	2	84.3	1.16.3/46	N Ot. by 24.	3	0	0	30.23	77	76	72	78	b.c.	cure.	8	9
2	7	4	91.6	**	. 0	3	O	0	30.23	77	76	72	78			9	
3	7	7	99.3	~	**	3	٥	0	30.22				79	**		2	-
4	8	2	7.5			3	0	0	30.22	77	77	73	79	-		6	
5	8	2	15.7			3	0	٥	30.21			100	79		civ.cum	5	-
6	7	9	23.6			3	3	0	30.21				80		-"-	6	~
7	7	6	-31.5		CH. 10 CH.	3	4	0	36.21				80			6	M
8	8	4	40.2		0	4	4	0	30.22						**	7	
9	8	٥	48.2	**	H. ly N.	5	4	0	30.23	79	78	74	79	b.c. z.	-	9	-
10	8	٥	56.2	**		5	4	0	30.24	79	78	74	78			9	**
11	8	5	64.7			5	4	0	30.24				78	b.m.	none	10	-
Noon.	4	6	70.8	6.46/26.	Hest.	5	4	0	30.22	79	78	74	78			10	.,

150 8 Distance run by Log Course and distance made good since preceding noon by observations, J. / 6./26. /28 knots. 40 ° 14 'S. " Latitude by D. R. 53 051 94 " Longitude by D. R. Position at Noon: { Latitude by observations of O 39 0 55 'A. " 53 °47 'Ot. " Longitude by chronometer from Forenoon Observations of O Position at 8 A. M. { Latitude by D. R. fund Amu | Longitude by observation 39 025 4. " 53057 94. " Position at 8 P. M. { Latinde by D. W. from Norw Afternoon Obstruction Of Correct during the time, 22 knots tenths perhour, setting to the 9.46. 40 ° 22 ' A. " 520 28 1 94. " , ship's head Error of the Compass by Azimnth O observed at Deviation of the Compass by Azimuth O observed at , ship's head variation used, Error of the Compass by Azimuth O observed at , ship's head , ship's head variation used. Deviation of the Compass by Azimuth ⊙ observed at Water expended during the preceding 24 hours, 300 gallons. 36 during the preceding 24 hours, Water distilled Water remaining on hand fit for use at Noon, 200 9 tons 780 lbs. Coal consumed during the preceding 24 hours, 81 " 640 Coal remaining on hand at Noon,

1	T						1	1										
P. 3				- 1		0	1											
1	7		5	78.3	6.16.126.	Crest.	5	4	0	30.21	80	80	76	77	b.m.		10	di.
. 2	1	1	5	85.8			5	4	0	30.21 8	80	80	76	77	24	٠.	10	1
2	13	7	2	93.0			5	,4.,	0	30.22 7	79	79	75-	77			10	
4		6	8	99.8			5	4	0	30.23	79	79	75	77		- **	10	
Z.	3	5	2	6.0		**	5	35.30	0	30.23	78	79	75	76		•	10	
(5	ĩ	0	11.4	**					30.23 7							19	
1 2	5	-	٨	16.6						30 23,						cum.	9	
8	4	+	9	21.5			4	15-16	0	30.23	77	77	74	76	,		9	
9	6		2	26.7			4	20-26	0	30.23 7	77	77	74	76			6	. ,
16	, 5	5	2	31.9			4	20.26	0	30.22 -	77	77	74	76			6	-
				37.3			4	20.26	. 0	30.22 7	77	77	74	76		**	6	٠,
				43.2	**	-	4-5	20.26	0	30 22 7	77	77	74	76			6	٠.
1 -							1			1		ú						_

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY,

Midnight to 4 a.M. Clear Seutle breeze from & Ot. by 4. Corner N. N.E. 3/4 6. Steaming with free weder three brilers. At 12.30 set jet, fore togeneast staypail, main trueail and apparatus at 2.15 set main togeneast and mijorus togeneast staypails. Finder their each at end of watch appendices at the wheel. arrange cleans 55 lbs. A large revolutions 43.

From 4 to 8 a. On.

Fine wrather. Gentle to moderate breeze from N. M. by H. to M. N. B. B. accepted at each of watch and a same with as previous watch, with gaff together in addition after 6 hele. Come N. No 1/4 E. apprentices at which aways steam presence 56 lbs. Revolutions 43.

From 8 a. On to Opend.

"Bayy and warm. Fiff breeze from the by A. to Check Baroneter variable. At 9 30 "mustered at quarters and Commanding Officer inspected ship and crew. At 10.15 the Commanding Officer inspected ship and crew. At 10.15 the Commanding Officer ward Living Severe all the apprentices having brow called aft. At 10.50 called all bounds of the said to regule and bound all stayable and many trypal lingued apare flying jit me pot side as both atudating sail; at major topical and took in gaff topical. At 11° cloth allows to die out under bother b. and 3. and atyped straming having ship to inthe value topical to mast in when to under bother b. and 3. and atyped straming having ship to inthe said topical in when the under bother b. At 11° cloth changed course to 6.45.15. At end of watch under all plane said to exple (except flying jit and wrather live of manipul) with prof lower studding said and major topical or course 6.65.126. Appendices at the wheel. Temperature of margazine 70° 76° forward 72° 72° 12° 14°.

From Mends to 4 9 M. Sleav and fine weather Stiff breezes from Mech. at 3.45 took in aparteer This on much 6 No 126 (gc) under same sail as at end of persone watch except expander. Ing and from A.M., to which ship colled 74 to learned and 122 to windward extreme roll. appendice at the wheel. a windward from I was fine banked under boile B.

Down 4 to 5 P.M. Siff to moderate been from Need. Elean with hay arrived horizon. They relined deeply but easily on beary entit from Old . Preserved to beared 35° to undered 30° to me studding eall at 50° and the royal at 7.15. At each of watch on course 6. N. 6. In 6. per standard, under plain sail to topgallant each eacept the epacker and wrather clear of maineail. Dictilling with free banked under books O. appendicular at the wheel But rolling tockler on many end

From 8 O m. to Orid.

Suctuant 92. 9. 9.

Chan Phisty honger. moderate to stiff been from Orech. Come E. N. E. 12 E. Phip colling deeply lad early. Eng was from Orth & Ouder same earl as in presiding watch. appendice at the what Diething with banked frie under bales 6.

Leitenant OL. I. M.

Examined and found to be correct.

J. B. Ma illin, Navigator,

			Reading		WIND.				BAROME				TURE.	State of	P	Clear 10ths.	Sea.
Hour.	Knots.	Tenthe.	of Patent Log.	COURSES STEERED by Standard Compass.	Direction by Standard Compane.	Force.	Heel.	Leeway.	Height in inches.	Ther. att'd.	Air, Dry Bulb,	Air, Wet Bolb.	Water at Sorface.	the Weather, by symbols.	Forms of Clonds, by symbols.	Prop. of C	State of the Se
А. М.		0		5 . 5 / 5	OV ,									P			١.
1	6	6	49.8	6.16.16.	Otest.	3	20.26	0	30.24	77	77	74	77	b.c.m.	cum.	6	d
2	7	2	57.0						30.25						-	6	-
3	6	9	63.9		Ot. by N.	5.6	17.25	0	30.25	77	77	74	77	0.c.	cum. nind	0	80
4	6	9	70.8			5	21.27	0	30.26	77	77	74	77	"		0	
5	6	2	77.0			5	15.20	0	30.25	77	76	74	77	"		0	
6	6	2	83.2						30.25					b.c.	-	2	1.
7	6	2	89.4						30.25							5	١.
8			95.8	-		5	15-20	0	30.26	78	78	75	77		cum.	6	1.
9			1.9						30.26							8	١.
10		9			OU. by 9.				30.27						-	8	1.
		8	13.6		Q1.9°04.				30.27					4,		8	1.
-11	-								30.27							6	1.
Noon.	9	0	19.1			0			1			17	11				

146. 9 Dietas	ne sum by Patent bog.	
Course and distance	e made good since preceding noon by observations, Abbe 6.	147 knots. tenths.
	Latitude by D. R.	41 016 At. "
Position at Noon:	Longitude by D. R.	51 005,9%. "
rosition at moon.	Latitude by observations of ②	4101211."
	Longitude by chronometer from Forenoon Observations of O	50 0 56 . 91. "
Desiries at 8 A M	(Latitude by D. R. from Norm	40 0 59 1.11
Position at o A. M.	Latitude by D. R. from None (Longitude by observation o	51 0 22/91 "
Desiries at 0 D M	(Latitude by D. R. from None	41 0 25 11. "
Position at 8 P. M.	(Latitude by D. R. from Arm Longitude by Churrometer from afternoon observations	9 49 0 58 . 94 . "
Current during the	time, 14 knots tenths per hour, setting to the 9. 45° 6	5.
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	0 /
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation used, O
Error of the Compa	ass by Azimuth ⊙ observed at , ship's head	O # #
Deviation of the Co	ompass by Azimuth O observed at , ship's head	o ' variation used, O
Water expended du	ring the preceding 24 hours,	350 gallons.
Water distill	during the preceding 24 hours,	793 "
Water remaining or	n hand fit for use at Noon,	643 "
Coal consumed dur	ing the preceding 24 hours,	/ tons 7 6 0 lbs.
Coal remaining on	hand at Noon,	79 " 720 "

-						1			1			and the second					
P. M.	3	8		6 16.12 €	(D) 0=1									0		1	
1	2	L	25.1	East.	Q1.394.	5	15-20	0	30.28	81	82	79	77	be.m.	cum.	6	
2	6	. 1	31.2	-	-'- +	5	15.70	0	30.29	81	82	79	78			6	
3	5	8	37.0			5	18-20	0	30.28	80	80	79	78	b.m.	none	10	-
4	5	1	42.1		-	4	15-20	0	30.27	79	80	79	78			10	
5	5	1	47.2		**	3-4	18-20	0	30.27	75	76	75	78			10	~
6	4	6	51.8	~	-	3	17-21	0	30.29	74	75	72	62			10	-
7	4	٥	55.7		-	3	12-19	٥	30.81	73	73	70	61	٠.		10	
8	4	2/	59.9			3	12.20	0	30.33	72	72	69	62			/0	-
9	4	4	64.3			3	10-18	0	30.33	71	71	68	61			10	**
10	4	7	69.0	-	**	3	10 -18	0	30.33	71	71	68	64	-		10	-
11	4	8	73.8		6*	3	13.20	0	30.33	70	70	68	64		*	10	-
Mid.	4	4	78.2			3	13.20	0	30.33	70	70	68	.64			10	

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Gridnight to 4. a. m from Cheek and Ch. by M. B. avonetic vising slowly. Sing following sea on jost quarter. On conce & 6. 1/2 & dude jet, topsails Egypallant sails, foresall lee clew of manical single relied This eveling deeply, but easily charimum observed well 27: to starbraid. appendice at what. Distilling with fire banked under bole 18. Storge R. Evens,

E Ensign Cl. J. O. Own of to 8 a. Mr. Oncast at friet, cleaning during last how. Fitif breen from Oh. by N. At 70 cleck set expels and get willing tackles on from speed. This rolling encidenably to mordinate sear from Oh by N. At end of watch under all square soul to expels except knowler clearly of manuscil, with jet, on consect 6.16 %. E. apprentices at the wheel. Distilling with free backed under biles B.

From 8 a. m. to Merid. o Gueign Q. J. W. Chav and warm. Tiff brezer from the by h, backing to the Feb Al 9.30 mustred at granter. 1st and root periods all approximate had instruction in sails and spore. but all stown sails and explained was the of same and of prevaler braces. At 11.10 handed up lee clear of manual bonce 6 h & 12.6, pc.). Long early from the by he de end of watch ahip or concermeder all plans sail to royal early flying fit jit marrial and aparker. Apprentice at the wheel. Distilling with free banker under the best of magazine 81-81: forward 80:80 aft.

From Merid to 4 P.M. Stiff to moderate begy from Qh I Qh. Parthy cloudy frist half clear last two houses of boundarding Officer changed curse at 12.40 to East par Flandard. At 100 set the leve of manical acid studding sail. At end of watch under studding earl and plain sail to expele easest flying it spanker and wrather clear of manicail I returned apparatures in user and grav of stone sails; also 1th durain in compass, 2th durain growing and forward Canton durain, sails and span. Distilling with frie banked under briler B. apparatuses at the wheel.

From 4 to 8 9.9%. Chear. Thirty horizon. Sentle to moderate breeze from the 4th Connec Each all 6.50 took in stanband studding each alf o'clock exercised at each. Food enight need in toppealer and made each to toppealer and short and enough need and made each to toppealer. At 5 o'clock the perature of air fell 5° and at 60 clock the water temperature had fellew 16°. Eng following sea, moderating the water. Distilling with bruked five under boiler 18. Fame each as in perioding wretch except at the water the water the water to be a fellew that the water to be a fellew that the water to the water to be a fellew that the water to be a fellew to be a fellew that the water to be a fellew to be a studding sail. Appenticie at the wheel.

Percell Prem & G. On. to Prid Lieutenant Qu. J. Or. Bright starlight. Ornisty about the horizon. Gentle Ch. F Ch. breezes. Thering conrec East under pame sail as at end of previous watch. Ing sea. Theody baroneter. Heavy deer. I littling. apprentices at the what. George R. Loans

Examined and found to be correct.

J. B. Me eller Navigator. Lieutenant U. J. M.

LOG of the UNITED STATES Ship Essex Third Rate, Making passage from New port, R. J. to Touthampton, England

				V (0	0								U		1	
			Reading	COURSES STEERED by Standard Compass.	WIND.				BAROMI	TER.	TEMPERATURE.			State of		Hear the.	See
Hour.	Knota.	Tenths.	of Patent Log.		Direction by Standard Compass.	Force.	Heel.	Leeway.	Height in inches.	Ther.	Air, Dry Bails,	Air, Wet Bulb.	Water at Surface.	the Weather, by symbols.	Forms of Clouds, by symbols.	Prop. of Clea Sky, in 10ths.	State of the
A. M.	4	2		e	~ ·									٥			
1	4	3	82.5	Gast.	9°4.	3	5-10	0	30.31	71	70	68	72	b.m.	none	10	2
2	4	2	86.7			3	5-10	0	30.31	71	70	68	74		*	10	
3	3	8	90.5			2.3	5.10	0	30.32	71	70	68	74	.,		10	-
4	3	6	94.1			2-3	5-10	0	30.32	71	70	68	74	b.o.m.	cum.	8	
5	3	4	97.5		**	2.3	5	0	.30.33	.73	73	72	71	4		6	MI
6	3	6	1.1		94. by F.	2.3	0	0	30.34	73	73	72	69	b.m.	none	10	
7	4	4	5.5			3	5	٥	30.34	74	72	71	68			10	12
8	5	3	10.8			3	0	0	30.33	74	72	71	68	-		10	-
9	4	9	15.7			3	0	0	30.34	75	72	170	72	b.c.m.	cum sties	9	3
10	4	4	20.5		9 W. by W.	3	0	٥	30.86	-75	72	70	70	-b.m.	none	10	
11	4	1	25.3			3	0	0	30.36			70	68			10	
Noon.	4	4	30.1			3	٥	٥	30.38	٠.						10	
				10			-	-	100-		1	1	-	-	-		-

110.3 Distance run by Patent Log 106 knots. tenths. 4104611.11 Latitude by D. R. 48038194 " Longitude by D. R. Position at Noon: Latitude by observations of © 4103411.11 48041.91. " Longitude by chronometer from Forenoon Observations of ② Position at 8 A. M. Latitude by D. K. from None

Longitude by Observation 41029, 1.11 49.01.94. Position at 8 P. M. Latitude by D. R. Janus Norm

Rosition at 8 P. M. Longitude by Chronometer Janus afternoon observations of a 410 46, Nr. 11 48002,94. Current during the time, 13 knots tenths per hour, setting to the 9.96. Error of the Compass by Azimuth O observed at 4320%, ship's head & 1/2 Nr. 25 0 43 34. Deviation of the Compass by Azimuth @ observed at 4.32 72, ship's head ... 3 . 41. 6. variation used, 25- 20 Error of the Compass by Azimuth ⊙ observed at , ship's head , ship's head variation used, Deviation of the Compass by Azimuth ⊙ observed at 350 gallons. Water expended during the preceding 24 hours, Water distilled 741 during the preceding 24 hours, 1034 Water remaining on hand fit for use at Noon, 1 tons 960 lbs. Coal consumed during the preceding 24 hours, 78 " 1160

P. M.	2	7 2	31.8	East.	O4. by 9.	18	2	0	30.89 77	76	74	75-	b. m.	nne	10	S.
			38.4		7		2		30.89 77						10	
			42.5		1 -	3	2,		30.39 77						10	
4	4	2	46.7			3	2	0	30.39 77	77	74	75			10	.,
5	4	0	50.7		-	3	2,		30.88 78						10	
6	3	2	53.9		1 -	2.3	0	٥	30.36 78	77	75	75		-	10	.,
7	3	2	87.1		-	2.3	٥	0	30.36 78	77	75	75	b. m. M.	.,	10	
8	3	5-	60.6		9.394.	2.3	0	0	30 35 17	76	74	75		.,	10	**
9	4	2	64.8			3	0	0	30.35-76	75	73	75	- " -		10	N
10	4	3	69.1	-	4	3	٥	0	30.35 76	75	74	75		-	10	-
11	4	4	73.5			3	0	0	30.35 77	76	75.	74			10	
Mid.	. 4	1	77.6		04. ly 9.	3-4	c	0	30,34 76	76	75	74			10	

Coal remaining on hand at Noon,

RECORD OF THE MISCELLANEOUS EVENTS OF THE DAY

Midnight to 4 a. On bleav and pleasant. Bright starlight. Tentle breen from Tot at end of watch under all equal sail to royals except wrather clev of manual, with jet, or cours East. appendices at the wheel Distilling with banked fries under bother B. Coloma Queign Q. J. W. Come 4 to 8 W. M. Dair to cloudy, cleaning last how. Hayy around horizon. Light to gentle breeze from 9 Ch. vicing to N. L. & Demperature of sea water dropped 6 thering watch. Concer Gast (pc) at 6 o dook est flying jit as starboard low studing with Ot end of watch hip or concer under starboard low studing scale and all plane sail to wyster eacept flying jit, etalband clew of manical and epacker. Distilling with free backed under biles D. apprentices of they wheel. Com 8 a v. to There Tientenant Q. F. W. Execute beeze from It by I and II by 4. Obser and pleasant begy around horzer I morth ear.
Deservature of and water variable. Prestried view at question at 930 and exercised divisions at quest dill literarche executed all the apparentness of the foreastle and afriganish at each dill on the variety and hearing the box. It is studying each, many and variety topmost stay and apparent and 1000 little magazine flood cooks and found them in working rate. In which accordingly, the fine eight of 4 mets (1.3 to 40 44 vil and of costs on once East made studying each, main and varying topmost stayable for many the fine energy working of marked. I stilling until free braised with the life of the little of the stilling with free braised water by the life of the stilling with free braised. under briles B. appendices at the wheel Designature of magazines 81° 81° forward 80° 50° 2ft ROL Tuntuant U. F N From Mered. to 4 9 M Chan Bey drigor . Sentle brey from the by I Instructed etachand witch of apprenticus we practical examinety, yoursey lead, is and gymnastice U1 1 Mr. North in man typinach stayand at 2 Mr. took in magein topinach stayand with this exception the chiques under same each as in queeding watch. W12.48 changed crown to 612 Vs. I itselling with banked free under brile B. appuration at the wheel. Jenn 4 to 8 9 90 Courth sea Frency court both returned breign. Eight to gentle breeze from I by I to II I to Barronter felling showing court sea Frency course but it 408 took in speaker and backed agreementable at 650 took is lover studying sail, defeated or manufact and regale agreement seal to proper again. Detalling with backed fries under brile & Coppositions at

From 8 9. M. to Mid.

the wheel.

Gueign U.S. n.

Clear bright standed Leavy dear Gentle to moderate begy from It I to to by I Baronette standy at end of watch under jet and all square soil to anythe except enigle reef and weather clear of manieril or concer 6/2 to Detilling and brukes free under brief B. appendices at the wheel.

Tenge R le vens.

no Colom Guerge Ct. F. A.

approved Smis Tinge for the Commanding

Examined and found to be correct.

J. B. Million State Nariouser.

